MEDION MD 1998 LE

MODEL

SERVICE MANUAL

Service Manual Versions and Revision

No.	Version	Release Date	Revision
1.	1.0	July 15, 2000	Original release
2.	1.1	July 28, 2000	Original release

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B1997NST Service Manual

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1 Precautions

Please follow these safety and servicing precautions to prevent damage and to protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1-1-1 Warnings

1. For safety purpose, do not attempt to modify the circuit board, and always disconnect the AC power before performing servicing on the monitor.
2. Operation of the monitor outside its cabinet or with the cover removed involves the risk of shock hazard. Repair work on the monitor should only be attempted by service personnel who are thoroughly familiar with all necessary safety precautions and procedures for working on high voltage equipment.
3. Do not lift the CRT by the neck. After completely discharging the high voltage anode, handle the CRT only when wearing shatterproof goggles. Try to keep the CRT away from the body during handling.
4. High voltage should always be kept at the rated value, no higher. Only when high voltage is excessive are X-rays capable of penetrating the shell of the CRT. Operation at high voltages may also cause failure of the CRT or high voltage circuitry.
5. The CRT is especially constructed to limit X-ray emission to 0.5mR/HR at 300 microamperes anode current. To ensure continued X-ray protection, replace the CRT with only the same or equivalent type as the original, and adjust the anode's voltage to the designated maximum rating, never to exceed.

1-1-2 Safety Checks

Before returning the monitor to the user, perform the following safety checks:

1. Inspect to make certain that each lead dress is not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. AC Leakage Current Check

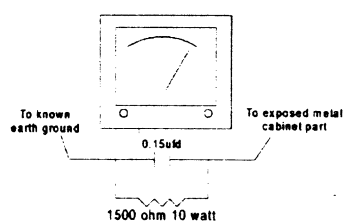
   Always perform the AC Leakage Current Check on the exposed metal parts, including metal cabinets, screwheads and control shafts, as follows:

   a) Plug the AC line cord directly into a rated AC outlet. Do not use an isolation transformer during the check.

   b) Use an AC voltmeter with at least 5000 ohms per volt sensitivity as follows:

   Connect a 1500 ohms, 10 watt resistor paralleled by a 0.15uF AC capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduct or electrical ground connected to earth ground, as shown in the Figure 1-1. Measure the AC voltage across the combination of resistor and capacitor.

Figure 1-1. Set Up For AC Leakage Current Check



   c) Reverse the AC plug at the AC outlet and repeat the steps for AC voltage measurements for each exposed metal part.

   d) Voltage reading must not exceed 0.3 volts RMS, equivalent to 0.2 milliampere AC. Any value exceeding this limit ill constitute a potential shock hazard and must be corrected immediately.

1-1-3 Product Safety Notices

Many electrical and mechanical parts in this chassis have special safety-related characteristics which are often not evident from visual inspection, the protection afforded by them may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Before replacing any of these components, consult the Recommended Spare Parts List given at the end of this manual. Any of the replacements that do not provide the same safety characteristics may result in shock, fire, X-ray emission or other hazards.

1-2 Servicing Precautions

Warning: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before performing servicing covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions

1. Follow closely the servicing precautions printed on the monitor cabinet and chassis.
2. Always unplug the AC power cord from the AC power source before removing or installing any component or assembly, disconnecting PCB plugs or connectors and connecting a test component in parallel with a capacitor.
3. When replacing parts or circuit boards, clamp the lead wires around the component before soldering.
4. When replacing a high wattage resistor (>0.5W metal oxide film resistor) in the circuit board, keep the resistor about 1 cm (1/2 inch) away from the circuit board.
5. Keep wires away from the high voltage or high temperature components.
6. Keep wires in their original positions so as to minimize interference.
7. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

After putting the rear cover back and make sure the monitor is working properly, the Hi-Pot & Ground Continuity tests MUST BE performed before the monitor is returned to user.

1-3 Hi-Pot Test

1. Test Equipment

   Puncture test model PM5530 ADT or KIKUSU TOS-8750 voltage tester or equivalent approved equipment.

Note : The test equipment must be calibrated in regular period.

2. Test Setup
   a) Apply voltage : DC 2100 VDC
   b) Test duration : 3 seconds
   c) Cutoff current should be set to 3 mA
3. Test Procedure
   a) Unplug power cord from AC source.
   b) Put the power switch of the monitor in the "ON" position.
   c) Leave signal cable unconnected.

d) Plug monitor power cord to the Hi Pot tester terminals.

e) Turn on tester and watch the indicator or beeper.

f) If the indicator lamp lighten, or beeper beeps, the test fails.

1-4 Ground Continuity Test

1. Test Equipment

AC low ohm tester TOS-6100 or equivalent approved equipment.

Note : The test equipment must be calibrated in regular period.

2. Test Setup

a) Test duration : 3 seconds

b) Set current limit at 25 A

c) The grounding resistance must be less than 0.1 ohm.

3. Test Procedure

a) Plug the monitor power cord to the tester terminals.

b) Make sure all connections are well-contacted.

c) Turn on monitor power and tester power.

d) Press "Test" button.

e) If green light shows up, means test OK.

If red light shows up, means test fails.

f) If the Tester has a digital display, the resistance value must not exceed 0.1 ohm.

Note : Be sure not to touch the metal portion of the signal cable head during testing.

2 Product Specifications

2-1 Specifications

Picture Tube	19-inch (18-inch Visual image area), 95 degrees deflection, dot type black matrix, medium short persistence phosphor, dark bulb,direct etch, Flat square screen with Invar Mask, 0.26 mm dot pitch
Scanning Frequency	VGA, Super VGA, 1024x768@60/70/75/85/100 Hz, 1280x1024@60/75/85 Hz, 1600x1200@60/75 Hz
Maximum Resolution	1600 dots (H) x 1200 lines (V) @75 Hz refresh rate
Display Area	360 mm (H) x 270 mm (V) typical
Display Characters	80 char. x 60 rows on a 10 x 10 matrix
Display Colors Analog Input	Unlimited Colors
Synchronizatin Signals	Separate Sync: horizontal/vertical, TTL, positive or negative
Synchronization Frequencies	Horizontal : 30 to 95 kHz Vertical : 50 to 120 Hz
Signal Connectors	15-pin, D-shell connector
Video Signals	Analog : 0.7 Vp-p, RGB positive
Power Input	150 Watts maximum (PHILIPS CRT) AC rated voltage, 90VAC to 264VAC
Misconvergence	Center Area : ≤ 0.2 mm; Corner Area : ≤ 0.35 mm
User Controls	Power On/Off, Contrast, Brightness, Horizontal Size, Horizontal Position, Vertical Size, Vertical Position, Pincushion, Trapezoid, Rotation, Unbalance, Parallelogram, Degauss, Top Corner, Bottom Corner, Recall, V. Moire, H. Moire
Service Controls	PWB1498 : power voltage adjust (VR801), high voltage adjust (VR102), F1/F2/G2 (FBT)
Preset Modes	10 (see Table 2-2. Timing Chart)
Environmental Considerations	Operation temperature : 10°C to 35°C ambient Humidity : 20% to 80% ambient Storage temperature : -40°C to 65°C ambient Storage Humidity : 10% to 90% (non-condensing) Altitude : up to3000m above sea level

Note: Above specifications are subject to change without prior notice.

2-2 Signal Cable Pin Connections

Table 2-1. Signal Cable Pin Assignment

Pin	Signal	Pin	Signal
1	Red video	9	+5V (from PC)
2	Green video	10	Ground
3	Blue video	11	Ground
4	Ground	12	SDA
5*	NC	13	H-Sync
6	Red ground	14	V-Sync
7	Green ground	15	SCL
8	Blue ground		

Note: This pin is used for selftest detection. Connect this pin to ground at the PC end.

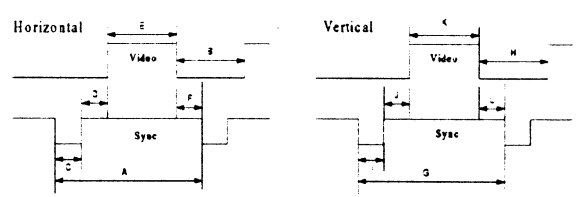
2-3 Timing Chart

This section describes the timings that the computer industry recognizes as standard for computer-generated video signals.

Table 2-2. B1997NST Timing Chart

Mode	1	2	3	4	5	6	7	8	9	10
H. Dots	640	640	720	800	800	1024	1024	1280	1280	1600
V. Dots	480	480	400	600	600	768	768	1024	1024	1200
H-freq (kHz)	31.47	43.27	37.93	46.885	53.67	60.03	68.67	80	91.146	93.75
Sync Polarity	-	-	-	-	-	+	-	+	-	-
A period us	31.78	23.11	26.366	21.333	18.631	16.66	14.561	12.504	10.971	10.667
B Blking us	6.356	5.33	6.085	5.172	4.409	3.657	3.725	3.022	2.844	2.765
C Sync us	3.81	1.556	2.028	1.616	1.138	1.219	1.016	1.067	1.016	0.948
D B.P. us	1.907	2.22	3.042	3.232	2.702	2.235	2.201	1.837	1.422	1.501
E Active us	25.42	17.78	20.282	16.162	14.222	13	10.836	9.481	8.127	7.901
F F.P. us	0.636	1.556	1.014	0.323	0.569	0.203	0.508	0.119	0.406	0.316
V-freq (Hz)	59.94	85	85.04	75	85	75.03	84.99	75	85	75
Sync Polarity	-	-	+	+	-	+	+	-	-	+
O Period ms	16.68	11.76	11.759	13.33	11.756	13.33	11.765	13.329	11.761	13.333
P Blking ms	1.43	0.67	1.213	0.533	0.578	0.533	0.582	0.525	0.527	0.533
Q Sync ms	0.064	0.069	0.079	0.064	0.056	0.05	0.044	0.038	0.033	0.032
R B.P. us	1.02	0.578	1.107	0.448	0.503	0.466	0.524	0.475	0.483	0.491
S Active us	15.25	11.09	10.546	12.8	11.179	12.8	11.183	12.804	11.235	12.8
T F.P. us	0.35	0.023	0.026	0.021	0.019	0.017	0.015	0.013	0.011	0.011

Seperate Sync



H.Parameters:

A: Period B: Blanking Time
C: Sync Width D: Back Porch
E: Active Time F: Front Porch

V.Parameters:

G: Period H: Blanking Time
I: Sync Width J: Back Porch
K: Active Time L: Front Porch

2-4 Display Power Management Signal (DPMS)

Note: These power-saving states exceed the Environmental Protection Agency (EPA) Energy Star requirements and the Video Electronics Standard Association (VESA) for Display Power Management Signal (DPMS) .

Table 2-3. Display Power Management Signal (DPMS)

State	LED Color	H-Sync	V-Sync	Power Consumption
ON	Green	Pulse	Pulse	Normal
STANDBY	Yellow	No Pulse	Pulse	<15 watts
SUSPEND	Yellow	Pulse	No Pulse	<15 watts
OFF	Amber	No Pulse	No Pulse	<8 watts

2-6 TCO Version

The monitor meets the TCO 92, NUTEK energy saving, electric and magnetic field requirements. Also it is compliant with TCO 95 and TCO 99 labelling scheme.

2-6-1 TCO 92

The emission from magnetic and electric field must comply with the limits specified by the Swedish Board for Measurement and Testing, commonly known as MPR 1990 recommendations. These limits are summarized in the Table 2-4.

Table 2-4. TCO 92 Requirements

	VLF/TCO	ELF/TCO
Magnetic Field	25 nT	200 nT
Electric Field	1 V/m	10 V/m
Frequency Range	2~400 kHz	5~2000 Hz
Value	RMS	RMS
Distance	30 cm	30 cm
Electrostatic Potential	+/- 500 V	+/- 500 V

The monitor is designed with selected CRT and carefully routed wires around CRT, make sure exactly the same routing scheme is used for CRT replacement.

2-6-2 TCO 95

The TCO 95 scheme is for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industry and Technical Development in Sweden).

1) Scope

TCO 95 touches on ergonomic qualities, emissions (electrical and magnetic fields), energy efficiency and ecology (with demands for environmental adaptation for both the product and the production processes at the manufacturing plant).

2) Environmental Requirements

The monitor abides by the environmental demands concerning restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons), and chlorinated solvents, among other things. The monitor is also recyclable.

3) Energy Requirements

The monitor also follows the energy requirements that, after a certain period of inactivity, the monitor shall reduce its power consumption to a lower level in one or more stages.

4) Others

The monitor meets the strict environmental demands for the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Table 2-5. TCO 95 Visual Ergonomics

Feature	Standard	Description
Linearity	1% or less	Difference in length of columns or rows compared to the corresponding lengths through the center of the monitor.
Display Luminance	100 cd/m2 (at least)	
Luminance Uniformity	1.7:1 or less	The ratio is between the max to min luminance within the whole active area.

2-6-3 TCO 99 Version (Optional)

TCO 99 will append the color temperature specification.

3 Operation Theory

This is an I2C-bus fully digital controlled multi-sync color monitor, compliant with VESA DDC1/2B and DPMS standards. Besides, it also meets TCO95 and MPRII requirements. It provides user friendly OSM (On-Screen display Menu) controls, and offers the following main features.

3-1 Main Features

1. Simplified chassis design with minimum components.
2. Fully digital controlled via 8-bit microcontroller NT6861AU.
3. Auto switching to off mode under "OUT OF RANGE" (Fh < 29KHz or Fh > 99KHz).
4. Reliable chassis design through various internal circuit protections.
5. Universal full range AC input and low power consumption.
6. Five-country OSM language available for easy user controls.
7. Adjustable OSM display time and position.
8. Twelve preset modes up to 1600 x 1200 75Hz (Fh =93.75KHz).

3-2 Microcontrol Section

1. The microcontroller provides I2C bus (pin 27 & 28) for geometric controls via I401 TDA4856 and video controls via I501 M52743. The geometric controls include H-size, H-position, V-size, V-position, Pincushion, Pin-balance, Trapezoid, Corner, Parallelogram, H-focus, V-focus, H-moire and V-moire. The video controls cover Contrast, Brightness, R/G/B gain and cutoff control alignments. Through 8-bit PWM's (pin 1, 2, 3, 32, 36, 40) it provides factory controls for G1, NS-trapezoid, H-linearity, ABL, user control for Rotation and one F/V for H-frequency driver compensation . Two I/O's (pin 27, 28) are provided for I2C bus used for I502 MTV021N-21 on-screen display.
2. In addition, the microcontroller offers Auto Mode detection via Hsync (pin 41) and Vsync (pin 42) inputs. According to Auto Mode detection, VESA DPMS power saving (pin 29, 30) will limit the output power under 15W for Standby or Suspend mode, under 8W for OFF mode. VESA DPMS mode indication is done via I/O pin 17 & 18 to drive LED display on the front cover. Normal mode displays green LED, Standby or Suspend modes displays Yellow LED while OFF mode displays Amber LED.
3. Auto factory alignment (ATE) and VESA DDC2B communication are through DDC I2C bus (pin 27, 28), I704 24LC211 is dedicated for DDC EDID E2PROM. In order to get optimal H-linearity performance for the full range frequency (31KHz - 95KHz), 4-channel CS are used at pin 20, 21, 22, 23, 24. F1, F2, UP and DOWN function keys' scanning are through 2 ADCs on pin 14 & 15. Q701 and Q702 delay circuits are used for power-on reset at pin 4. In order to avoid I2C interference during H-size, H-position, V-size, V-position, Contrast and Brightness alignments, the HUNLK from I401 TDA4856 is applied from Q703 inverter to IRQ at pin 16.
4. There are 12 factory preset modes and 8 user modes available. Related information data of those modes are stored at 2 EEPROM's (I702, I703) 24LC04.

3-3 Deflection Section

1. I²C -- autosync deflection controller is TDA4856.
2. The TDA4856 is a high performance and efficient solution for autosync monitors. All functions are controllable by I²C bus. SDA and SCL signals coming from microprocessor feed to pin 19 and pin 18 to control all functions.

3-3-1 Horizontal Section

1. The oscillator is driven by the currents in R424 and R423. The minimum oscillator frequency is determined by R424 and the maximum frequency is determined by R423.
2. Horizontal sync goes into pin 15 through R314. And horizontal flyback pulse goes into pin 1 through C455, C437, R404, C458, R40E and bypass filter C401 from Vcp of Q424 collector for AFC loop.

3-3-2 Horizontal O/P Section

1. Horizontal driver (pin8) signal is sent to Q402 via R496, C451.
2. Signal from Q427 direct drive T403, through R493 (shunt with R4A4, R40F, R40G) and L405 to horizontal output transistor Q424.

3-3-3 Vertical Section

1. Vertical sync signal from micro controller is connected to pin 14 through R313.
2. The free running frequency is determined by R319 and C312.

3-3-4 Vertical O/P section

1. The differential output currents from pin 13 of Vout1 and pin 12 of Vout2 can be directly coupled to the vertical deflection booster pin 1 and pin 2 of TDA8351.
2. The TDA8351 has two output stages which are current driven in opposite phase and operate in combination with the deflection coil in a full bridge configuration.

3-3-5 E-W/Trapezoid and H. Size Controls

1. The B+ driver for step down circuit is from pin 6, it provides 20~80% duty cycle outputs according to H-frequency.
2. The E/W / Trapezoid and H-size controls are through B+ modulation at I401 TDA4856. The EW output signal is from pin 11, it's not tracking with H-frequency.

3-3-6 X-Ray Protection

1. To avoid X-ray hazard, a DC voltage generated at pin 3 of FBT and rectified by D108, C121 is divided by R126, R129 and C402 filter go into pin 2 of TDA4856.
2. If this voltage is higher than 6.39 V, then TDA4856 will be activated to float HUNLOCK (pin 17), H. DRV (pin 8), B DRV (pin 6), VOUT1 (pin 12), VOUT2 (pin 13). After that all deflection circuit stop working.

3-3-7 G1, Blanking and Brightness

1. The vertical blanking signal comes in two ways. One is from pin 8 of I301 (TDA8351), the other is from HUNLK (pin 17 of I401). These two positive vertical pulses through Q42A, Q42C, Q42E amplified and converted into negative pulse and sent to G1 for vertical blanking.

2. In protection mode or out-of-range situation, HUNLock will send 5 V pulse to saturate Q706, then pin 8 of I902 will be low state and open Q509, so G1 will go down to -140V. During the mode change, Mute acts as same as HUNLock's.
3. The brightness is controlled by CPU, pin 27 and pin 28 comes into pin 20 and pin 21 of I501, DC level can be changed by I²C bus from 0~5V of D/A output at pin 23 of I501, high voltage causes high current to get brighter raster, low voltage gets lower brightness.

3-4 Power Supply Section

3-4-1 AC Rectifier

The circuit can accept 90 V to 264 V AC input through D801 bridge diode and C810 filtering to get DC 126 V~364 V for power conversion in T805.

3-4-2 Line Filter

It consists of C803, C804, C805, C806, C807, C871, C80A, C80C, C80E, T801 and T802 and meets EMI regulation.

3-4-3 Power LED Status

1. The LED has 3 leads common cathode with green and amber color for different power saving states. It is controlled by CPU.
2. Normal : Green light

   Amber LED is off because CPU pin 17 is high and pin 18 is low, only green LED is turned on.
3. Standby / Suspend : Yellow light

   CPU pin 17 and pin 18 are low, then green and amber LED are turned on. That is yellow.
4. Off Mode : Amber light

   CPU pin 18 is high and pin 17 is low, then green is off and amber is on.

3-4-4 Auto Degaussing

When SMPS works, the 6.6 V power source is applied to Q801 and CPU let Q801 turn on a few seconds, then drive the armature of RL801 to perform the degaussing function.

3-4-5 PWM Control

1. Start Up

   The I802 gets power from C874, C841, R834, ZD807, D802, C859, R806 and pin 7 voltage reaches 9 V for starting up. The I802 starts oscillation at 20 kHz, sawtooth on pin 4 and pin 6 output to drive Q802/ T805. Once Q802 switches on, D812, C840 set up an 17 V to keep I802 working through D828 auxiliary voltage.
2. Regulation

   The DC O/P voltage is proportional to the auxiliary voltage, so I802 pin 2 senses the feedback voltage from the divider R895, R888, R868, R897 and VR801 to compare with the built-in 2.5 volts reference voltage for error amplifier operation. Finally pin 6 can modulate the different duty cycle by VR801 setting to achieve regulation purpose.

3-4-6 Synchronization

1. Normal Mode

   The sync pulse from FBT (31 kHz~93.75 kHz) via R820, C833, D806, R818 and C832 to pin 4 of I802 to keep I802 synchronized with horizontal sync input frequency.
2. Power Saving Modes: Standby/Suspend

   Because there is no pulse from FBT, so the free-run frequency is decided by R817 and C832 and the SMPS works at 20 kHz.
3. Override

   The horizontal free run frequency is about 62 kHz under override condition, SMPS is synchronized to this frequency.

3-4-7 O.V.P.

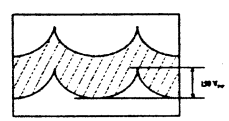
If the auxiliary voltage is higher than zener voltage ZD806 (22 volts) and makes pin 3 of I802 higher than 1 V, pin 6 duty cycle is limited to have the OVP activated.

3-4-8 O.P.P.

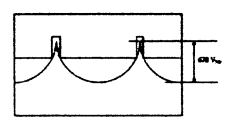
The excess current of T805 through R819 can develop enough voltage on pin 3 then limit the power delivered because the pin 6 duty cycle is limited too.

3-5 HV Supply

1. HV (High Voltage) start up is triggered by H-pls at pin 4 via R107. I103 3843 provides the PWM output control (pin 6) to drive the step up B+ supplier Q103 via D105 and C108.
2. The time constant is dependent on the H-DRIVER through R140 via inverter I101 and buffer Q106 /Q107 to drive Q104.
3. I401 pin 32 provides the H+V composite signals to drive the two-stage dynamic focus amplifier. Output of vertical amplitude is around 150 Vpp, while output of horizontal amplitude is around 670 Vpp.



Vertical dynamic focus



Horizontal dynamic focus

3-6 Video Amplifier Section

1. RGB signal inputs are terminated by R501, R531 and R561 then pass through the coupling capacitors C502, C532 and C562 to I501 M52743BSP preamplifier.
2. The amplifier RGB signals (0~3 Vpp) are adjusted by I²C bus, pin 19 is for clamp pulse which comes from pin 16 of TDA4856 to set up equal clamp level.
3. The video output stages is I901 LM2402, the output resistors R904, R934 and R964 are 47 ohm, R913, R943 and R973 are 56 ohm for arcing protection and the power dissipation is minimized.
4. The RGB cathodes cut off are adjusted by D/A output pins 24, 25, 26 of I501.

4 Alignments and Adjustments

This section of the service manual explains how to make permanent adjustments to the monitor settings.

4-1 General Adjustments

4-1-1 Adjustment Conditions

a) Power Supply

Apply AC 115 V or 220 V

b) Warm-up Time

The monitor must be powered on for 15 minutes before starting any alignment, but requires 30 minutes of warm-up time for convergence adjustment.

c) Signal Input

1. Video: RGB Analog, 0.7 Vp-p, positive
2. Synchronization: Horizontal and vertical TTL signal, separate, positive or negative
3. All adjustments should be made using a signal of FH = 93.75 kHz, FV = 75 Hz, unless otherwise defined.

4-1-2 Equipment Required

The following equipments are necessary for adjustment procedures:

1. Volt-ohm-A meter (Sanwa FD-750C or equivalent)
2. 30 kV high voltage probe (HP34111A)
3. Oscilloscope (TEK2235 or equivalent)
4. Minolta Color Analyzer II
5. Signal generator (IBM PC with proper display cards or Chroma 2250 or equivalent)
6. Screwdriver

4-1-3 Switching Power Supply and Regulator Adjustment

a. The regulated B+ control has been preset in the factory and needs no adjustment. However, if any repair is made on the power supply section, the following readjustment procedures are recommended:

1. Allow the monitor to warm-up for about 15 minutes.
2. Apply (1600 x 1200 @ 93.75Khz / 75 Hz) / crosshatch pattern to the monitor.
3. Connect a DC voltage meter to D820, Heat Sink and adjust VR801 for 17.5 ± 0.1 V.
4. If a fuse is broken during adjustment, remember to replace it with the exact same type of fuse.

b. If necessary, follow the following procedure to enter the factory preset mode:

1. At power off mode, turn S701 SW to alignment position close to CRT side.
2. Press both [1] key and [2] key simultaneously then power on to enter the factory preset mode.
3. Turn on the power again to return back to normal mode (user mode).
4. After finishing the manual alignment, S701 SW has to be returned back to its normal stage (close to FBT side). Otherwise the DDC can not be read.

4-2 Alignment Procedures

4-2-1 High Voltage Adjustment

CONDITION

Display image : Crosshatch pattern

PROCEDURE

Connect DC meter to TP001 and adjust VR102 to obtain a DC voltage of -152 ± 1V DC .

4-2-2 Screen and White Balance Adjustment

CONDITION

Switch S701 to factory mode, then press "[1]" and "[2]" buttons simultaneously when switching the power "On".

Warm up 30 minutes

Mode : 93 KHz / 1600 x 1200

Display image : No video

PROCEDURE

1-a Set Brightness to maximum, G1 at "70" OSD-step, and G2=625 V, Contrast to maximum.
Select "preset color" then choose "9300°K"

1-b Adjust Green cut-off around "70" OSD-step.

1-c Adjust G1 and R/B cut-off to get 0.8+0.15 / -0.1 FL of raster light output.

1-d Confirm x=283±5, y=297±5.

CONDITION

Display image : 50 mm x 50 mm white block pattern

PROCEDURE

2-a Set Brightness to mid-level.

2-b Adjust Contrast to maximum.

2-c R/B signal off and adjust green gain to get Y=25 ± 0.2 FL.

2-d R/B signal on, adjust R/B gain to get x=283±5, y=297±5.

CONDITION

Display image : Full white pattern

PROCEDURE

3-a Set Brightness and Contrast to maximum.

3-b Adjust "ABL" to 32±1 FL.

4-a Repeat all the procedure in 4-2-2 section until the best white balance is obtained, then power off.

4-b After screen and white balance adjustments, S701 must be switched to Normal mode.

4-2-3 Focus Adjustment

CONDITION

Display image : "e" character pattern

PROCEDURE

1. Set Brightness and Contrast used for a normal display.
2. Adjust the static focus control on the high voltage resistor block to obtain the best focus over the entire display area.

4-2-4 Static Convergence Adjustments

Static convergence involves alignment of the red, blue and green lines in the center area of the display.

Note : The monitor requires 30 minutes of warm-up time for convergence adjustment.

CONDITION

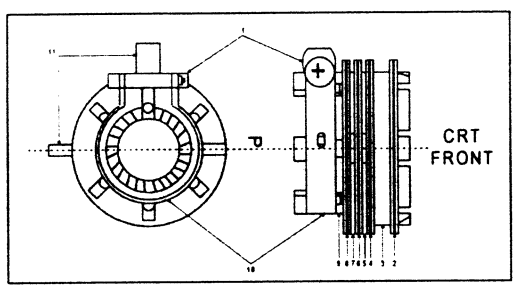
Display image : Crosshatch pattern

Warm-up Time : 30 minutes

PROCEDURE

1. Set brightness and contrast to display a well-defined pattern.
2. Ensure the convergence magnet rings are correctly positioned on the CRT.

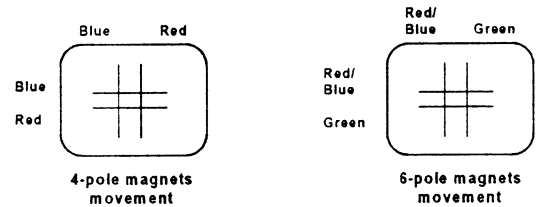
Figure 4-1. Convergence Magnets on the CRT



1) Setup Bolt 2) Bow Magnet 3) Band 4) 2-Pole Magnet
5) Spacer 6) 4-Pole Magnet 7) Spacer 8) 6-Pole Magnet
9) Holder 10) Band 11) Tabs

3. Rotate the individual rings of 4-pole convergence magnets by changing the spacing between the 2 tabs to converge the vertical red and blue lines at the center of the screen.
4. Rotate the pair of rings of 4-pole convergence magnets by maintaining spacing between the 2 tabs to converge the horizontal red and blue lines at the center of the screen.
5. Rotate the individual rings of 6-pole convergence magnets by changing the spacing between the 2 tabs to converge the vertical red, blue and green lines.
6. Rotate the pair of rings of 6-pole convergence magnets by maintaining spacing between the 2 tabs to converge the horizontal red, blue and green lines.
7. Repeat the steps from 3~6 until the best convergence is obtained.

Figure 4-2. 4-pole and 6-pole Magnets Movement



Note : The 4-pole magnets and the 6-pole magnets interact, making dot movement complex.

4-2-5 Degaussing

Degaussing is required when poor color impurity appears on the screen. This monitor uses an automatic degaussing circuit that is activated when the power is on. The manual degaussing will be fully functional after the monitor has been in operation for 20 minutes through OSM degaussing function.

The degaussing effect is confined to the picture tube since the coils are mounted at the back of the tube. Should any part of the chassis or cabinet becomes magnetized, it is necessary to degauss the affected area with a external degaussing coil.

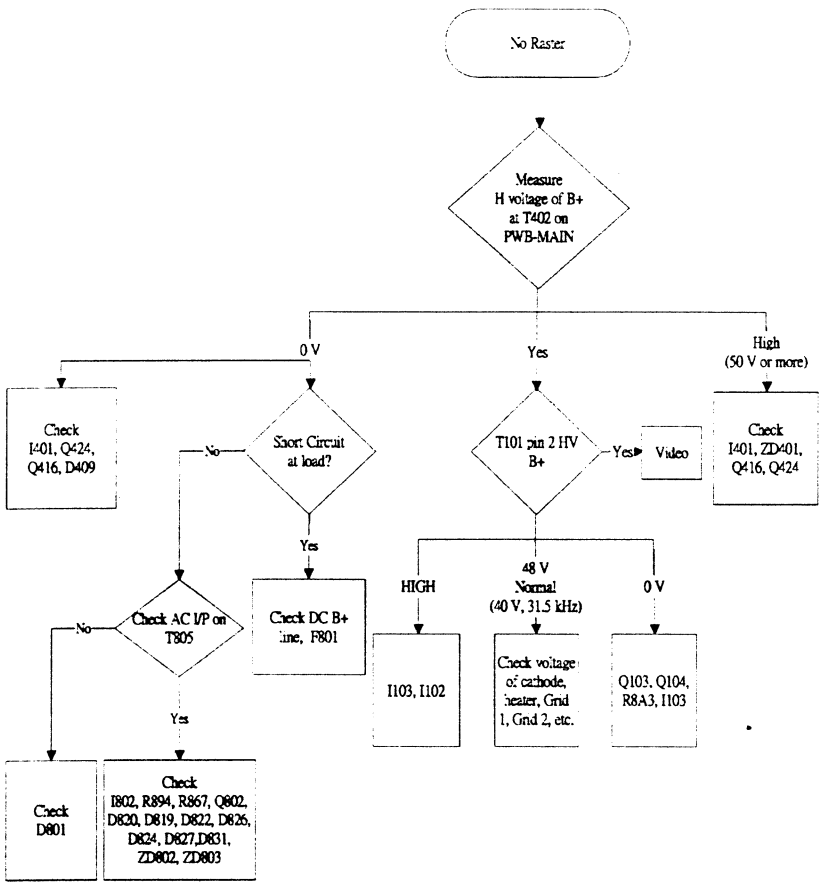
4-2-6 External Degaussing

1. Apply line voltage to the degaussing coil and move it in a rotary motion over the front, sides, and top of the monitor. The coil should be kept away from the rear of the monitor to avoid damaging the magnetic neck components.
2. Slowly rotate and move the coil away from the monitor to about 6 feet beyond the point where no effect on the CRT will be noticeable.

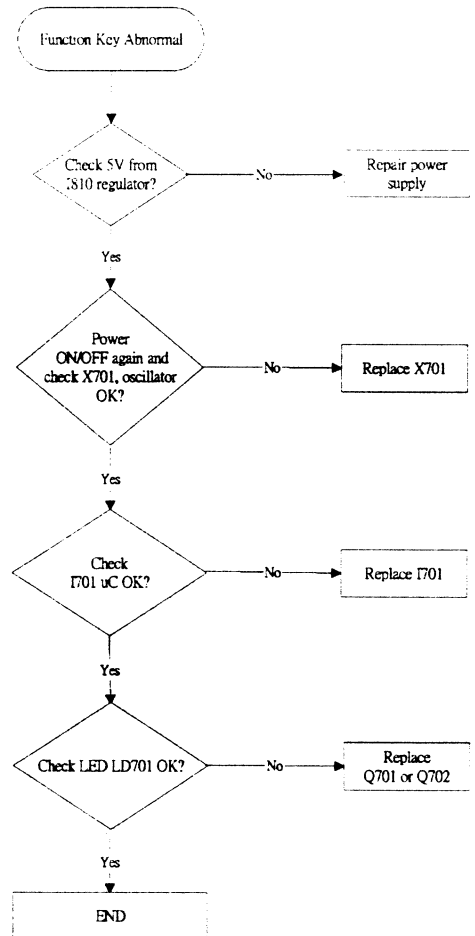
For proper degaussing, it is essential that the field be gradually reduced by moving the coil slowly away from the monitor. The degaussing coil must never be shut off or disconnected while near the monitor, as this would introduce a strong field instead of canceling the effect of the stray fields.

5 Troubleshooting

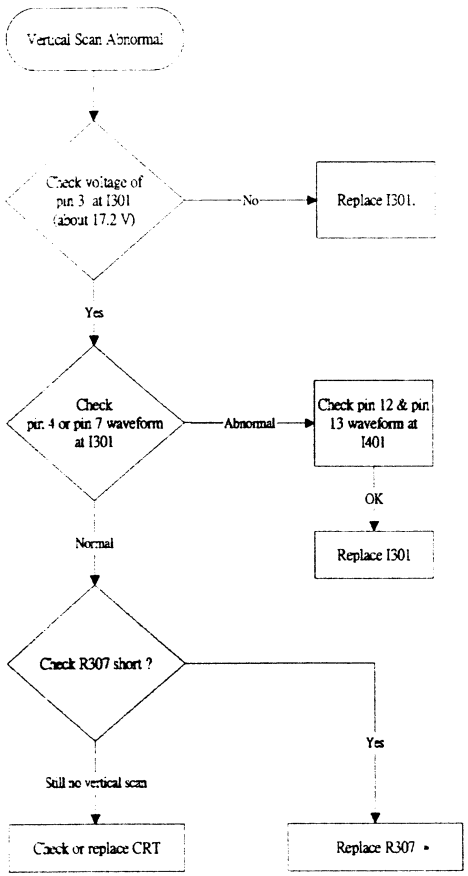
5-1 No Raster



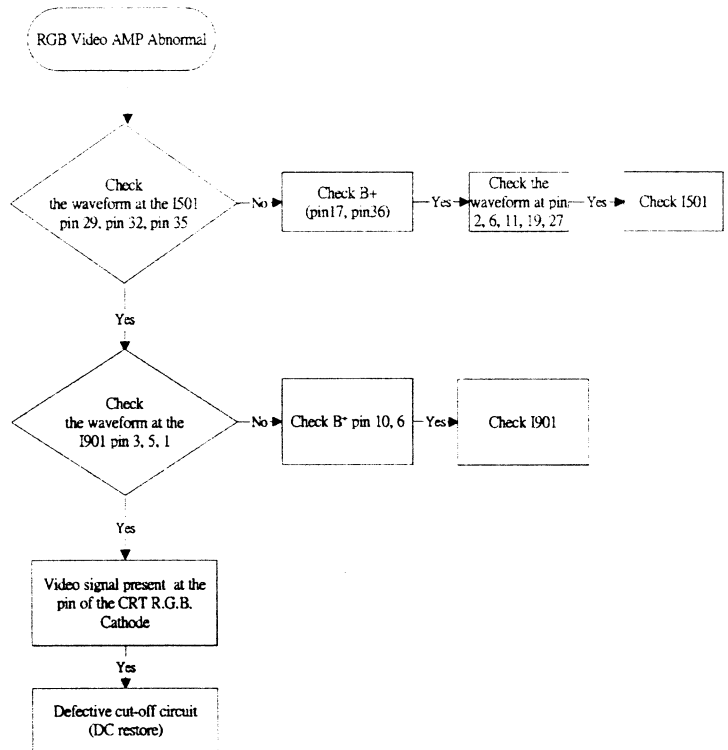
5-2 Function Key Abnormal



5-3 Vertical Scan (Raster is one horizontal line)



5-4 R.G.B. Video Amplifier Abnormal


RGB Video AMP Abnormal
Check the waveform at the I501 pin 29, pin 32, pin 35
No
Check B+ (pin17, pin36)
Yes
Check the waveform at pin 2, 6, 11, 19, 27
Yes
Check I501
Yes
Check the waveform at the I901 pin 3, 5, 1
No
Check B+ pin 10, 6
Yes
Check I901
Yes
Video signal present at the pin of the CRT R.G.B. Cathode
Yes
Defective cut-off circuit (DC restore)

6 Recommended Parts List

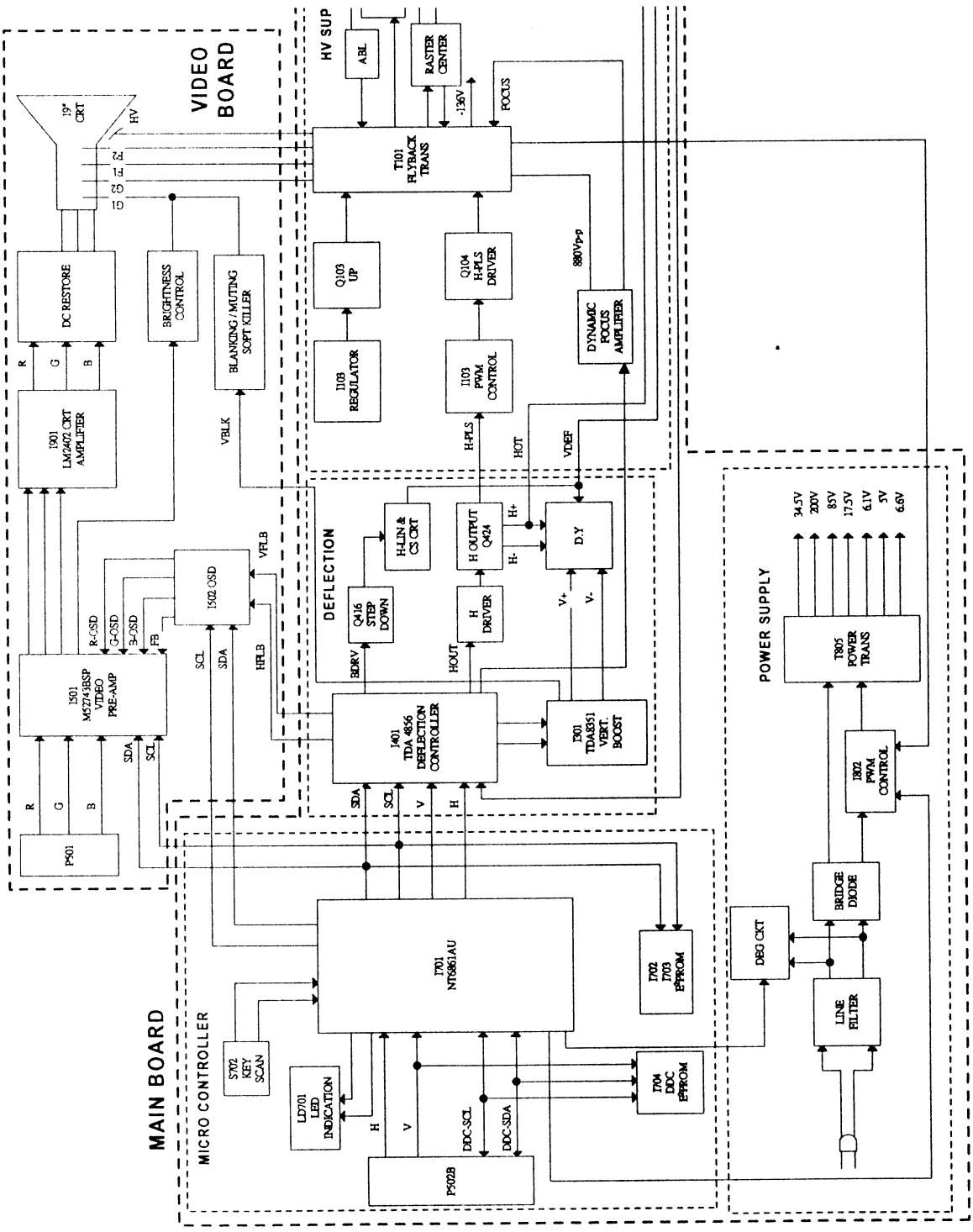
Note:1. The components identified by "⚠" mark are critical for X-ray safety. Replace these with exactly the same parts specified.

2. There is only OTP IC at the model beginning (FPR stage or before). When it put in mass production and there must be Mask coming out. If you have spart parts need, please use BOM to get the last release part number and related information.

No.	Location	Part Number	Description
1	C810	6312647122	ALU uF 470 400V F 105C 30x45
2	D801	6417001100	DIODE BRIDGE FBI4K7M1 4A/800V
3	D819 D824 D831 D827	6412010807	DIODE BYM26C 2.3A/600V
4	D820 D826	6412000520	DIODE RL4A 3A/600V
5	D822	6412022207	DIODE SF20-02G 2A/200V
6	F801	6851504051	FUSE TIME LAG H-BRK 19181-4A
7	I301	6442011210	IC TDA8351/N6 9P SIL PHILIPS
8	I401	6442025200	IC TDA4856 32P SDIP (PHILIPS)
9	I501	6442024210	IC M52743BSP 36P SDIP MITSUBISHI
10	I701	6448014500	IC NT68P61AU 42P PDIP OTP NOVAT
11	I703	6448007930	IC KS24C04 (SAMSUNG)
12	I802	6442006720	IC KA3843B 8P PDIP
13	I901	6442025000	IC LM2402 11P TO-220 NS
14	L405	6111169130	COIL CHOKE 1.65 uH DR6X8
15	L404	6881001505	BEAD CORE W5 RH3.5x6x1.0T
16	Q104	6426006300	FET N-CHNL SSH7N90A FAIRCHILD
17	Q416	6427000900	FET P-CHNL SFS9634 FAIRCHILD
18	Q402	6421000325	TR NPN 2SC1815-Y(TPE2) TOSHIBA
19	Q103	6426006300	TR N-CHNL IRFS634A FAIRCHILD
20	Q424	6421005200	TR NPN 2SC5515 (PANASONIC)

No.	Location	Part Number	Description
21	Q802	6426002201	FET N-CHNL SSH 10N 80A
22	I501	6442024210	IC 52743BSP 36P MITSUBISHI
23	R415	6212147254	CF KOHM 4.7 1/4W J T26 MINI
24	ZD401	6414150004	HZ15-2 ZNR 15V/0.5W
25	R803	6203459017	POSISTOR 4.5 DGC3D4R5Q27C 3PIN
26	R802	6201100052	THERMISTOR 10 OHM 8A P=7.5 TKS
27	R822	6221222852	MOF OHM 0.22 2W J HOR
28	T402	6119003205	COIL LINEAR DYNAMIC TLN-1032E
29	T40A	6139000300	XFRMER H-CENT 5mH THC-1003
30	T801 T802	6138003100	LINE FILTER
31	T805	6131051820	XFRMER PWR TPW1069 ER42/15 LSE
32	X701	6449000700	CRYSTAL HC49/U 8MHZ 50PPM 7pF

7 Block Diagram



LITE-ON TECHONLOG CORP
BOM LIST BY CKT-ID
P/N:4905536033 **Desc:MONITOR-CRT-B1997PNST(99)-#-E-34C)-LITE**

Lvl	CKTID	G1	Apr	OP	Item No	Description	Drawing No	Com	Quan	uty	SPty
1	0		No	20	5192302071	CABT-2 ASS'Y-B1997PNST(99)-#-E		EA	1		NO
2	01P41		No	20	7749003300-0D	BAG-PE-ORDINARY-ALL MODEL-L250	8440000038	EA	1		NO
2	02B02		Yes	20	7735421742-0A	LABEL-X-RAY LABEL 19"-ALL--AL	8440003188	EA	1		NO
2	02P11		Yes	20	7740100300	CLAMP-CABLE-WIRING CABLE TIE-N	8440000046	EA	1		NO
2	02U03		No	20	1120000700	TAPE-PVC---		RL	0.006		NO
2	09P01		No	20	7742002400-0A	SPONGE-CRT BD SPONGE-PU-GRAY	8440003002	EA	1		NO
2	0Y012		No	20	1250000403	OIL HOUSE-WHITE POINT--		EA	0.001		NO
2	6B01N		Yes	20	7140140161	SCREW-DOUBLE THREAD--Round-M4-	8440000090	EA	4		NO
2	9N036		No	20	1250000403	OIL HOUSE-WHITE POINT--		EA	0.001		NO
2	9N050		No	20	1250000600	OIL HOUSE-CLEANER NAPHTHA--		I	0.007		NO
2	9N070		Yes	20	6875000310	ADHESIVE-SILICONE-TSE3843-W-94V		EA	0.001		NO
2	A6B01		No	20	7742217000-0C	REAR COVER-LITEON-19"-SPHINX-#	8340002539	EA	1		YES
2	A8C01		No	20	7737027514-0A	SWIVEL BASE ASS'Y-LITE ON-19"-	8340002540	EA	1		YES
2	V901P		YES	20	6876000500	ALUMINIUM TAP-W30xL0080x30M-3M		EA	0.006		NO
1	0		No	10	5192302069	BURN-IN ASS'Y-B1997PNST(99)-#-		EA	1		NO
2	0		No	10	5192102071	CABT-1 ASS'Y-B1997PNST(99)-#-E		EA	1		NO
3	02U02		Yes	10	1241000200	LABEL-DATE CODE-----	8340000485	EA	1		NO
3	0V901		No	10	6811192607-Y	CRT-M46EJC325X100VL168BD PH---		EA	1		YES
3	9N090		No	10	1250000142	WIRE-SOLDER---		EA	0.02		NO
3	P501A		Yes	10	6715005819	CABLE-VIDEO-3+7 2DSUB-1500mm-B		EA	1		YES
3	S801O		No	10	1250000530	OIL HOUSE-GREASES LUBRICANT--		kg	0.002		NO
3	V901A		Yes	10	6117190050	COIL DEGAUSSING-TDG-190S-		EA	1		YES
3	V901B		YES	10	6710000830-02	HARNESS-CRT GND WIRE---CG01-1W		EA	1		NO
3	V901D		YES	10	6711020770-01	HARNESS--2P-440/270mm-1007#24-		EA	1		NO
3	V901G		YES	10	6714010600-20	HARNESS--1P-120mm-1015#18+1COR		EA	1		NO
4	0V9K1		No	10	6811192607-K	CRT-M46EJC325X100VL168BD-0.26m		EA	1		YES
3	5C01D		Yes	10	7742000790	RUBBER CUSHION-RUBBER-CR-BLACK	8340000233	EA	2		NO
3	5C01E		No	10	7742002500-0A	RUBBER CUSHION-RUBBER -CR-B	8440003193	EA	2		NO
3	5C01N		Yes	10	7131440081	SCREW-TRIANGLE-Flat Washer-Bin	8440000079	EA	2		NO
3	5C01S		No	10	7748706110-0B	SHIELD-EMI(REAR SIDE)--B1997-		EA	1		NO
3	5C01T		No	10	7110230061	SCREW-MACHINE--Pan-M3-6-Za	8440000018	EA	2		NO
3	5C01U		Yes	10	7131430081	SCREW-TRIANGLE-Flat Washer-Bin	8440000079	EA	2		NO
3	5C01Z		No	10	7742000776	RUBBER CUSHION-RUBBER-CR-BLACK	8340000228	EA	2		NO
3	5C03N		No	10	7110230061-0A	SCREW-MACHINE--Pan-#4*1/4UNC-L	8440000018	EA	2		NO
3	6F01Q		No	10	7738000180-0A	METAL ASS'Y-SHIELD-LITE-ON-B19	8140001076	EA	1		NO
3	6F01R		No	10	7748000150-0B	GROUNDING-COPPER FINGER-A1996N	8440002786	EA	2		NO
3	6F01S		No	10	7110230061	SCREW-MACHINE--Pan-M3-6-Za	8440000018	EA	4		NO
3	6F01T		Yes	10	7140300400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	4		NO
3	6F01Y		Yes	10	7140140121	SCREW-DOUBLE THREAD--Round-M4-	8440000090	EA	2		NO
3	A6F01		No	10	7737504702-0B	FRONT COVER ASS'Y-LITEON-19"-S		EA	1		YES
3	Q403Q		Yes	10	7740100101	CLAMP-CABLE-WIRING CABLE TIE-N	8440000030	EA	13		NO
3	Q403R		Yes	10	7740100103	CLAMP-CABLE-WIRING CABLE TIE-N	8440000030	EA	3		NO
3	T101Q		Yes	10	7131430081	SCREW-TRIANGLE-Flat Washer-Bin	8440000079	EA	1		NO
3	T101Y		No	10	7748000300-0A	GROUNDING-COPPER FINGER-B1997N	8440003517	EA	1		NO
3	T101Z		Yes	10	7111230061	SCREW-MACHINE-Flat Washer-Pan-	8440001648	EA	2		NO
3	V901E		YES	10	6876000300	ALUMINIUM TAP-W40xL0270x30M-3M		EA	0.019		NO
3	V901F		YES	10	6876000800	ALUMINIUM TAP-W40xL0330x30M-3M		EA	0.023		NO
3	V901H		Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	2		NO
3	V901I		YES	10	6876002201	ALUMINIUM TAP-W20xL0310x30M-3M		EA	0.011		NO
3	V901J		YES	10	6876002201	ALUMINIUM TAP-W20xL0310x30M-3M		EA	0.011		NO
3	V901K		No	10	7748000140-0A	GROUNDING-COPPER FINGER-B1997P	8440002751	EA	1		NO
3	V901L		Yes	10	7110230081	SCREW-MACHINE--Pan-M3-8-Za	8440000018	EA	2		NO
3	V901M		No	10	7142750231-0A	SCREW-DOUBLE THREAD-Star Washe	8440001884	EA	4		NO
3	V901N		Yes	10	7740100610	CLAMP-CABLE-LOCKING CABLE CLIP	8440002441	EA	2		NO
3	V901P		Yes	10	7742605580	SUPPORT-SPACER-SPACER SUPPORT-	8440002752	EA	2		NO
3	V901R		No	10	7742606600-0A	OIL HOUSE-EMI-PROP-STAND LEFT-		EA	1		NO
3	V901S		No	10	7742606610-0A	OIL HOUSE-EMI-PROP-STAND RIGHT		EA	1		NO
3	V901T		No	10	7742607000-0A	MOUNTING--MOUNTING BUTTOM-N/B-	8440003514	EA	1		NO
3	V901U		No	10	7748000180-0A	GROUNDING-FINGER-B1996-Pb-Cu 0	8440003361	EA	2		NO
3	V901V		Yes	10	7140130081	SCREW-DOUBLE THREAD--Round-M3-	8440000090	EA	2		NO
3	V901W		No	10	7742607060-0A	SUPPORT-SPACER SUPPORT-----		EA	1		NO
3	V901X		No	10	7738000190-0A	METAL ASS'Y-SHIELD-LITE-ON-B19	8240000978	EA	1		NO
3	V901Y		No	10	7748706170-0A	SHIELD-YOKE--B1997NST-SPTE 0.2	8340002343	EA	1		NO
2	0		No	10	5195602072	CHASSIS ASS'Y-B1997PNST(99)-#-		EA	1		NO
3	0		No	10	5195300007	TCO BD-B1997PNST(99)-#-E-34C)		EA	1		NO
3	02U01		Yes	10	1241000200	LABEL-DATE CODE-----	8340000485	EA	1		NO
3	D801S		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	D801W		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.002		NO
3	L301O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	L301P		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.002		NO
3	I809O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	I810O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q103O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q104O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q104P		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.002		NO
3	Q110C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q111C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q140O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q405C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q405N		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.001		NO
3	Q407C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q407P		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.001		NO
3	Q409C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q409N		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.001		NO
3	Q411C		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q411N		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.001		NO
3	Q416O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q418O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q418P		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.002		NO
3	Q42SO		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q802O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	Q802P		No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.002		NO
3	Q812O		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
3	T101T		No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
4	0		No	10	5795300007	AI-TCO BD-B1997PNST(99)-#-E-3-		EA	1		NO

5	00U01	Yes	10	6700060000	JUMPER WIRE-		kg	0	9	NO
5	00U02	Yes	10	6700060000	JUMPER WIRE-		kg	0	9	NO
5	00U03	Yes	10	6700060000	JUMPER WIRE-		kg	0	9	NO
5	00U04	Yes	10	6700060000	JUMPER WIRE-		kg	0	9	NO
5	02U04	No	10	1241000400	LABEL-MODEL LABEL-WHITE----		EA	0.1		NO
5	0C241	Yes	30	5338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1		NO
5	0C244	Yes	30	6357156255	CAP. PEM-uF-0.0056-50V--I-T		EA	1		NO
5	0D217	Yes	20	6412001704	DIODE--1N4148--T26--NS		EA	1		NO
5	0D218	Yes	20	6412001704	DIODE--1N4148--T26--NS		EA	1		NO
5	0L201	Yes	10	5700060000	JUMPER WIRE-		kg	0	9	NO
5	0L202	Yes	10	5700060000	JUMPER WIRE-		kg	0	9	NO
5	0Q215	YES	30	9422002905	TRANSISTOR-NPN-BF422(TPE2)--TO		EA	1		NO
5	0Q216	YES	30	9424000025	TRANSISTOR-PNP-BF423(TPE2)--TO		EA	1		NO
5	0Q217	Yes	30	9436008505	FET-N-CHNL-2N7000--FAIRCHILD		EA	1		NO
5	0Q218	YES	30	9422002905	TRANSISTOR-NPN-BF422(TPE2)--TO		EA	1		NO
5	0R277	Yes	20	6212118257	RES. CF-KOHM-1.8-1/2W-J-ATS2-		EA	1		NO
5	0R278	Yes	20	6212322357	RES. CF-KOHM-22-1/2W-J-ATS2-		EA	1		NO
5	0R279	Yes	20	6212130554	RES. CF-MOHM-3-1/4W-J-T26-MINI		EA	1		NO
5	0R280	Yes	20	6212139554	RES. CF-MOHM-3.9-1/4W-J-T26-MI		EA	1		NO
5	0R281	Yes	20	6212122554	RES. CF-MOHM-2.2-1/4W-J-T26-MI		EA	1		NO
5	0R282	Yes	10	5700060000	JUMPER WIRE-		kg	0	9	NO
5	0R283	Yes	20	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI		EA	1		NO
5	0R284	Yes	30	6224124314	RES. MF-KOHM-2.43-1/8W-F-T26		EA	1		NO
5	0R285	Yes	20	6212182354	RES. CF-KOHM-82-1/4W-J-T26-MIN		EA	1		NO
5	0R286	Yes	20	6212127154	RES. CF-OHM-270-1/4W-J-T26-MIN		EA	1		NO
5	0R287	Yes	20	6212136054	RES. CF-OHM- 36-1/4W-J-T26-MINI		EA	1		NO
5	0R288	Yes	20	6212110554	RES. CF-MOHM-1-1/4W-J-T26-MINI		EA	1		NO
5	U1450	Yes	10	9831145000-0G	PCB-TCO BD-PWB-1450		EA	1		YES
5	ZD209	Yes	30	9414130024	DIODE-ZNR-MTZJ T-77 12B--T26-		EA	1		NO
4	0C240	Yes	10	6311210191	ALUMINATOR-uF-1-100V--105C-6.3		EA	1		NO
4	0C242	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1		NO
4	0C243	No	10	6311533891	CAP. ALU-UF-0.33-50V--105C-6.3		EA	1		NO
4	0C245	Yes	10	6311347091	ALUMINATOR-uF-47-25V--105C-6.3		EA	1		NO
4	0P201	Yes	10	6611030052	PLUG-3P-2.5mm-A2501WR2-3P-JWT		EA	1		NO
4	0P202	Yes	10	6611020041	PLUG-2P-2.5mm-A2501WR2-2P-JWT		EA	1		NO
4	Q217M	Yes	10	7742605580	SUPPORT-SPACER-SPACER SUPPORT-	8440002752	EA	2		NO
4	VR203	Yes	10	6295302000	VARIABLE-KOHM-3-0.3W-TA--6D--H		EA	1		NO
3	0	No	10	5197300111	CONTROL BD-PFC BD-B1997PNST(99		EA	1		NO
4	0	No	10	5797300111	AI-PFC BD-B1997PNST(99)-#-E-1-		EA	1		NO
4	Q881C	No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
5	02U04	No	10	1241000400	LABEL-MODEL LABEL-WHITE----		EA	0.25		NO
5	0C817	Yes	30	6331939155	CAP. CD-PF-390-50V-J-T--SL-		EA	1		NO
5	0C818	Yes	30	6356122455	CAP. MEM-uF-0.22-50V-J-T--MATS		EA	1		NO
5	0C819	Yes	30	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1		NO
5	0C821	Yes	30	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1		NO
5	0C823	Yes	30	6333910115	CAP. CD-pF-100-1000V-K-T--SL-		EA	1		NO
5	0C824	Yes	30	6338522115	CAP. CD-pF-220-1000V-K-T--X7R-		EA	1		NO
5	0D815	YES	20	6412001764	DIODE-1N4148/S-143--PHILIPS--T		EA	1		NO
5	0L820	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--		EA	1		NO
5	0L821	No	30	6881001505	CORE-BEAD-W5RH3.5x6x1d-VERTYP5		EA	1		NO
5	0R824	Yes	20	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1		NO
5	0R825	Yes	20	6212130154	RES. CF-OHM- 300-1/4W-J-T26-MIN		EA	1		NO
5	0R826	YES	20	6224193134	RES. MF-KOHM-931-1/8W-F-T26		EA	1		NO
5	0R827	YES	20	6224193134	RES. MF-KOHM-931-1/8W-F-T26		EA	1		NO
5	0R828	Yes	20	6212110054	RES. CF-OHM-10-1/4W-J-T26-MINI		EA	1		NO
5	U1495	YES	10	9831149500-02	PCB-PFC BD-PWB-1495		EA	1		YES
5	ZD810	Yes	20	6414150054	DIODE-ZNR-GDZJ 15C T7B--T26--		EA	1		NO
4	0C816	No	10	6326447442	CAP. MPP-uF-0.47-630V-J-F-P=27		EA	1		NO
4	0D807	Yes	10	6412000520	DIODE--RL4A-3A/600V--50nS-SANK		EA	1		NO
4	0I804	YES	10	6442030500	IC-LINEAR-MC33260P-8P-PDIP-SEM		EA	1		NO
4	0L822	Yes	10	6881002732	CORE-BEAD-C8B R6H6x10(A)+W1.5T		EA	1		NO
4	0P803	YES	10	6611050100	PLUG-5P-2.5mm-A2541WR2-1Ex5P-J		EA	1		NO
4	0P804	YES	10	6611140070	PLUG-14P-2.5mm-A2541WR2-1E14F3		EA	1		NO
4	0Q814	Yes	10	6426005410	FET-N-CHNL-IRFS840A-4.6A/500V-		EA	1		NO
4	0R823	YES	10	6231039852	RES. WW-OHM-0.39-5W-J-HOR		EA	1		NO
4	0T804	YES	10	6412000300	COIL CHOKE-PFC-uH-200--EI-28-L		EA	1		YES
4	5C01X	No	10	7740107050-0A	CLAMP-CANOE CLIP-----		EA	3		NO
4	5C05M	No	10	7748706210-0A	BRACKET-PFC BD-19"-		EA	1		NO
4	5C05N	Yes	10	7131130061	SCREW-TRIANGLE-Flat Washer-Rou	8440000035	EA	2		NO
4	5C05P	No	10	7746501050-0A	OIL HOUSE-PC SHEET B1997PNST--		EA	1		NO
4	Q881M	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1		NO
4	Q881N	Yes	10	7140200400	NON-STANDARD NUT-FLANGE HEX NU	8440003047	EA	1		NO
4	Q881P	No	10	7746402420-0A	HEAT SINK--17--		EA	1		NO
4	R823A	Yes	10	6631010222	TERMINAL-PIN-1P-D2.36xL14.3--J		EA	1		NO
4	R823B	Yes	10	6631010222	TERMINAL-PIN-1P-D2.36xL14.3--J		EA	1		NO
3	0	No	20	5197700858	CRT BD-B1997NST(99)-#-E-1-(K)-		EA	1		NO
4	0	No	10	5797700858	AI-CRT BD-B1997NST(99)-#-E-1-(		EA	1		NO
4	02U03	Yes	10	1241000200	LABEL-DATE CODE-----	8340000485	EA	1		NO
4	9N011	No	10	1250000100	OIL HOUSE-SOLDER BAR ADEPTO S6		I	0.006		NO
4	9N021	No	10	1250000143	WIRE-SOLDER-SUPER--		EA	0.001		NO
4	9N031	No	10	1250000130	WIRE-SOLDER-ADEPO S60A--		kg	0.001		NO
4	9N041 51	No	10	1250000220	OIL HOUSE-FLUX A324-		EA	0.004		NO
4	9N041	No	10	1250000221	FLUX-RF800T3-LONCO		GL	0.004		NO
4	9N051	No	10	1250000320	OIL HOUSE-THINNER 16-3552K--		GL	0.002		NO
4	I901Q	No	10	1250000415	OIL HOUSE-VA-450 SCREW LOCKING		kg	0.001		NO
4	I90C1	No	10	1250000520	HEAT SINK-COMPOUND---		kg	0	2	NO
5	02U04	No	10	1241000400	LABEL-MODEL LABEL-WHITE----		EA	0.5		NO
5	0C501	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO
5	0C502	Yes	30	6311533945	ALUMINATOR-uF-3.3-50V-T-105C-5		EA	1		NO
5	0C503	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO
5	0C504	Yes	30	6311222145	ALUMINATOR-uF-220-16V-T-105C-8		EA	1		NO
5	0C505	Yes	30	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-		EA	1		NO
5	0C510	Yes	30	6335147115	CAP. CD-pF-470-50V-K-T--Y5P-		EA	1		NO
5	0C511	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1		NO
5	0C512	Yes	30	6311347945	ALUMINATOR-uF-4.7-50V-T-105C-5		EA	1		NO
5	0C513	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1		NO
5	0C514	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO
5	0C515	Yes	30	6311510045	ALUMINATOR-uF-10-50V-T-105C-5*		EA	1		NO
5	0C516	Yes	30	6311310145	ALUMINATOR-uF-100-25V-T-105C-6		EA	1		NO
5	0C517	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1		NO
5	0C518	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO
5	0C519	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO
5	0C520	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-		EA	1		NO

5	0C521	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C522	Yes	30	6335112115	CAP. CD-pF-120-50V-K-T--Y5P-	EA	1		NO		
5	0C525	Yes	30	6311568945	ALUMINATOR-uF-6.8-50V-T-105C-5	EA	1		NO		
5	0C526	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C527	Yes	30	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO		
5	0C528	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C529	Yes	30	6312122045	ALUMINATOR-uF-22-100V-T-105C-8	EA	1		NO		
5	0C531	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C532	Yes	30	6311533945	ALUMINATOR-uF-3.3-50V-T-105C-5	EA	1		NO		
5	0C533	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C534	Yes	30	6311222145	ALUMINATOR-uF-220-16V-T-105C-8	EA	1		NO		
5	0C540	YES	30	6331968055	CAP. CD-pF-68-50V-J-T--SL-	EA	1		NO		
5	0C541	Yes	30	6334922015	CAP. CD-pF-22-2000V-K-F--T-	EA	1		NO		
5	0C542	Yes	30	6312410045	ALUMINATOR-uF-10-250V-T-105C-1	EA	1		NO		
5	0C543	Yes	30	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1	EA	1		NO		
5	0C553	Yes	30	6312223875	ALUMINATOR-uF-0.33-160V-T-105C	EA	1		NO		
5	0C561	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C562	Yes	30	6311533945	ALUMINATOR-uF-3.3-50V-T-105C-5	EA	1		NO		
5	0C563	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C564	Yes	30	6311222145	ALUMINATOR-uF-220-16V-T-105C-8	EA	1		NO		
5	0C571	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C572	Yes	30	6311122145	ALUMINATOR-uF-220-10V-T-105C-6	EA	1		NO		
5	0C573	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C574	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C575	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C576	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C577	Yes	30	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO		
5	0C578	YES	30	6331968055	CAP. CD-pF-68-50V-J-T--SL-	EA	1		NO		
5	0C579	YES	30	6331968055	CAP. CD-pF-68-50V-J-T--SL-	EA	1		NO		
5	0C580	Yes	30	6311122145	ALUMINATOR-uF-220-10V-T-105C-6	EA	1		NO		
5	0C581	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C583	Yes	30	6311368975	ALUMINATOR-uF-6.8-25V-T-105C-5	EA	1		NO		
5	0C586	Yes	30	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO		
5	0C592	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C593	YES	30	6331968055	CAP. CD-pF-68-50V-J-T--SL-	EA	1		NO		
5	0C594	Yes	30	6335410215	CAP. CD-PF-1000-500V-K-T--Y5P-	EA	1		NO		
5	0C595	YES	30	6331947055	CAP. CD-PF-47-50V-J-T--SL-	EA	1		NO		
5	0C901	Yes	30	6338110315	CAP. CD-UF-0.01-50V-K-T--X7R-	EA	1		NO		
5	0C902	Yes	30	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO		
5	0C903	YES	30	6335147215	CAP. CD-PF-4700-50V-K-T--Y5P-	EA	1		NO		
5	0C905	Yes	30	6312401075	ALUMINATOR-uF-1-250V-T-105C--S	EA	1		NO		
5	0C906	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C907	Yes	30	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*	EA	1		NO		
5	0C909	Yes	30	6312401045	ALUMINATOR-uF-1-250V-T-105C-6.	EA	1		NO		
5	0C910	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C914	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C922	Yes	30	6312122045	ALUMINATOR-uF-22-100V-T-105C-8	EA	1		NO		
5	0C923	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C925	Yes	30	6312147045	ALUMINATOR-uF-47-100V-T-105C-1	EA	1		NO		
5	0C933	YES	30	6335147215	CAP. CD-PF-4700-50V-K-T--Y5P-	EA	1		NO		
5	0C935	Yes	30	6312401075	ALUMINATOR-uF-1-250V-T-105C--S	EA	1		NO		
5	0C939	Yes	30	6312401045	ALUMINATOR-uF-1-250V-T-105C-6.	EA	1		NO		
5	0C940	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C963	YES	30	6335147215	CAP. CD-PF-4700-50V-K-T--Y5P-	EA	1		NO		
5	0C965	Yes	30	6312401075	ALUMINATOR-uF-1-250V-T-105C--S	EA	1		NO		
5	0C967	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C969	Yes	30	6312401045	ALUMINATOR-uF-1-250V-T-105C-6.	EA	1		NO		
5	0C970	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C971	YES	30	6331968015	CAP. CD-pF-68-1000V-K-T--SL-	EA	1		NO		
5	0C972	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C973	Yes	30	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO		
5	0C974	Yes	30	6335610115	CAP. CD-pF-100-2000V-K-T--Y5P-	EA	1		NO		
5	0C976	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C982	Yes	30	6333910115	CAP. CD-pF-100-1000V-K-T--SL-	EA	1		NO		
5	0C986	YES	30	6331968015	CAP. CD-pF-68-1000V-K-T--SL-	EA	1		NO		
5	0C987	Yes	30	6335610115	CAP. CD-pF-100-2000V-K-T--Y5P-	EA	1		NO		
5	0C989	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C991	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO		
5	0C992	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO		
5	0C993	Yes	30	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x	EA	1		NO		
5	0C994	Yes	30	6336510205	CAP. CD-pF-1000-1000V-M-T--Z5U	EA	1		NO		
5	0D501	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D502	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D521	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO		
5	0D522	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO		
5	0D523	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO		
5	0D524	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO		
5	0D525	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO		
5	0D531	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D532	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D561	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D562	Yes	30	6412015504	DIODE--1N4531 T-77--T26--ROHM	EA	1		NO		
5	0D801	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D802	Yes	30	6412004347	DIODE--FUF4002AMP-1A/100V-T52-	EA	1		NO		
5	0D803	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D911	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO		
5	0D912	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO		
5	0D931	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D932	Yes	30	6412004347	DIODE--FUF4002AMP-1A/100V-T52-	EA	1		NO		
5	0D933	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D961	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D962	Yes	30	6412004347	DIODE--FUF4002AMP-1A/100V-T52-	EA	1		NO		
5	0D963	Yes	30	6412009704	DIODE--BAV21-0.25A/200V-T26-50	EA	1		NO		
5	0D982	Yes	30	6412011604	DIODE--1N4936-1A/400V-T26--LIT	EA	1		NO		
5	0J901	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J902	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J903	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J904	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J905	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J906	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J907	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J908	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J909	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J910	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J911	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J912	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J913	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J914	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J915	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J916	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J917	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J918	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J919	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J920	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J925	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J928	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J929	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J930	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J931	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J932	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J933	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J934	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J935	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J936	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J937	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J938	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J939	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J940	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J941	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J942	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J943	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J946	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J948	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J949	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J954	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J957	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J959	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J960	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0J961	Yes	10	6700060000	JUMPER WIRE-	kg	0	9	NO		
5	0L503	Yes	20	6881005077	CORE-BEAD-CBB RH3.5*3.2*1.0-T5	EA	1		NO		
5	0L511	Yes	20	6115220107	COIL PEAKING-uH-22-K-T52-	EA	1		NO		
5	0L514	Yes	20	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-	EA	1		NO		
5	0L515	Yes	20	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-	EA	1		NO		
5	0L521	Yes	20	6881000364	CORE-BEAD-A6 RH3.5x4.7x0.8-T26	EA	1		NO		
5	0L533	Yes	20	6881005077	CORE-BEAD-CBB RH3.5*3.2*1.0-T5	EA	1		NO		
5	0L563	Yes	20	6881005077	CORE-BEAD-CBB RH3.5*3.2*1.0-T5	EA	1		NO		
5	0L571	Yes	20	6881000364	CORE-BEAD-A6 RH3.5x4.7x0.8-T26	EA	1		NO		
5	0L575	Yes	20	6881000364	CORE-BEAD-A6 RH3.5x4.7x0.8-T26	EA	1		NO		
5	0L577	Yes	20	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-	EA	1		NO		
5	0L578	Yes	20	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-	EA	1		NO		
5	0L579	Yes	20	6881000364	CORE-BEAD-A6 RH3.5x4.7x0.8-T26	EA	1		NO		
5	0L901	Yes	20	6115150117	COIL PEAKING-uH-15-K-T52-1/2W	EA	1		NO		
5	0L971	Yes	20	6115150117	COIL PEAKING-uH-15-K-T52-1/2W	EA	1		NO		
5	0L972	Yes	20	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-	EA	1		NO		
5	0L973	Yes	20	6115150117	COIL PEAKING-uH-15-K-T52-1/2W	EA	1		NO		
5	0L974	Yes	20	6881000364	CORE-BEAD-A6 RH3.5x4.7x0.8-T26	EA	1		NO		
5	0L981	Yes	20	6881000367	CORE-BEAD-B15RH3.5*4.7*0.8-T52	EA	1		NO		
5	0L982	Yes	20	6881000377	CORE-BEAD-B15RH3.5x7.5x0.8-T52	EA	1		NO		
5	0Q501	Yes	30	6421000415	TRANSISTOR-NPN-KSC945C-Y-TA--F	EA	1		NO		
5	0Q505	YES	30	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO		
5	0Q506	Yes	30	6421000415	TRANSISTOR-NPN-KSC945C-Y-TA--F	EA	1		NO		
5	0Q507	YES	30	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO		
5	0Q508	Yes	30	6421000415	TRANSISTOR-NPN-KSC945C-Y-TA--F	EA	1		NO		
5	0Q509	Yes	30	6424002215	TRANSISTOR-PNP-HBF423T/B-TO-92	EA	1		NO		
5	0Q901	YES	30	6422002905	TRANSISTOR-NPN-BF422(TPE2)--TO	EA	1		NO		
5	0Q931	YES	30	6422002905	TRANSISTOR-NPN-BF422(TPE2)--TO	EA	1		NO		
5	0Q961	YES	30	6422002905	TRANSISTOR-NPN-BF422(TPE2)--TO	EA	1		NO		
5	0R501	Yes	20	6224175094	RES. MF-OHM-75-1/8W-F-T26	EA	1		NO		
5	0R503	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R505	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO		
5	0R511	Yes	20	6224113724	RES. MF-KOHM-13.7-1/8W-F-T26	EA	1		NO		
5	0R512	Yes	20	6224124314	RES. MF-KOHM-2.43-1/8W-F-T26	EA	1		NO		
5	0R513	Yes	20	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1		NO		
5	0R514	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R515	Yes	20	6224130014	RES. MF-KOHM-2-1/8W-F-T26	EA	1		NO		
5	0R516	Yes	20	6224131614	RES. MF-KOHM-3.16-1/8W-F-T26	EA	1		NO		
5	0R517	Yes	20	6212110154	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1		NO		
5	0R523	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R524	Yes	20	6224188734	RES. MF-KOHM-887-1/8W-F-T26	EA	1		NO		
5	0R525	Yes	20	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1		NO		
5	0R526	Yes	20	6224113334	RES. MF-KOHM-133-1/8W-F-T26	EA	1		NO		
5	0R527	Yes	20	6224110024	RES. MF-KOHM-10-1/8W-F-T26	EA	1		NO		
5	0R528	Yes	20	6224130124	RES. MF-KOHM-30.1-1/8W-F-T26	EA	1		NO		
5	0R529	Yes	20	6224130014	RES. MF-KOHM-2-1/8W-F-T26	EA	1		NO		
5	0R531	Yes	20	6224175094	RES. MF-OHM-75-1/8W-F-T26	EA	1		NO		
5	0R533	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R534	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO		
5	0R535	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO		
5	0R541	Yes	20	6224368027	RES. MF-KOHM-68-1/2W-F-AT52	EA	1		NO		
5	0R542	Yes	20	6212182254	RES. CF-KOHM-8.2-1/4W-J-T26-MI	EA	1		NO		
5	0R543	Yes	20	6212120254	RES. CF-KOHM-2-1/4W-J-T26-MINI	EA	1		NO		
5	0R544	Yes	20	6212120254	RES. CF-KOHM-2-1/4W-J-T26-MINI	EA	1		NO		
5	0R546	Yes	20	6212112254	RES. CF-KOHM-1.2-1/4W-J-T26-MI	EA	1		NO		
5	0R548	Yes	20	6224130124	RES. MF-KOHM-30.1-1/8W-F-T26	EA	1		NO		
5	0R549	Yes	20	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1		NO		
5	0R561	Yes	20	6224175094	RES. MF-OHM-75-1/8W-F-T26	EA	1		NO		
5	0R563	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R565	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO		
5	0R571	Yes	20	6212112354	RES. CF-KOHM-12-1/4W-J-T26-MIN	EA	1		NO		
5	0R572	Yes	20	6212156254	RES. CF-KOHM-5.6-1/4W-J-T26-MI	EA	1		NO		
5	0R573	Yes	20	6212110554	RES. CF-MOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R574	Yes	20	6212162054	RES. CF-OHM-62-1/4W-J-T26-MINI	EA	1		NO		
5	0R575	Yes	20	6212162054	RES. CF-OHM-62-1/4W-J-T26-MINI	EA	1		NO		
5	0R576	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO		
5	0R577	Yes	20	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO		
5	0R578	Yes	20	6212156254	RES. CF-KOHM-5.6-1/4W-J-T26-MI	EA	1		NO		

5	0R579	Yes	20	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1		NO
5	0R580	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R581	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R582	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R583	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R584	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R585	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R586	Yes	20	6212115154	RES. CF-OHM-150-1/4W-J-T26-MIN	EA	1		NO
5	0R599	Yes	20	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1		NO
5	0R902	Yes	20	6212168054	RES. CF-OHM-68-1/4W-J-T26-MINI	EA	1		NO
5	0R903	Yes	20	6212133054	RES. CF-OHM-33-1/4W-J-T26-MINI	EA	1		NO
5	0R904	Yes	20	6212147054	RES. CF-OHM-47-1/4W-J-T26-MINI	EA	1		NO
5	0R905	Yes	20	6224115024	RES. MF-KOHM-15-1/8W-F-T26	EA	1		NO
5	0R906	Yes	20	6224115024	RES. MF-KOHM-15-1/8W-F-T26	EA	1		NO
5	0R907	Yes	20	6224233234	RES. MF-KOHM-332-1/4W-F-T26	EA	1		NO
5	0R908	Yes	20	6224156224	RES. MF-KOHM-56.2-1/8W-F-T26	EA	1		NO
5	0R909	Yes	20	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1		NO
5	0R910	Yes	20	6212147354	RES. CF-KOHM-47-1/4W-J-T26-MIN	EA	1		NO
5	0R911	Yes	20	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI	EA	1		NO
5	0R912	No	20	6224124924	RES. MF-KOHM-24.9-1/8W-F-T26	EA	1		NO
5	0R932	Yes	20	6212168054	RES. CF-OHM-68-1/4W-J-T26-MINI	EA	1		NO
5	0R933	Yes	20	6212133054	RES. CF-OHM-33-1/4W-J-T26-MINI	EA	1		NO
5	0R934	Yes	20	6212168054	RES. CF-OHM-68-1/4W-J-T26-MINI	EA	1		NO
5	0R937	Yes	20	6224233234	RES. MF-KOHM-332-1/4W-F-T26	EA	1		NO
5	0R938	Yes	20	6224156224	RES. MF-KOHM-56.2-1/8W-F-T26	EA	1		NO
5	0R939	Yes	20	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1		NO
5	0R940	Yes	20	6212147354	RES. CF-KOHM-47-1/4W-J-T26-MIN	EA	1		NO
5	0R941	Yes	20	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI	EA	1		NO
5	0R942	No	20	6224124924	RES. MF-KOHM-24.9-1/8W-F-T26	EA	1		NO
5	0R943	Yes	20	6212356057	RES. CF-OHM-56-1/2W-J-AT52-	EA	1		NO
5	0R962	Yes	20	6212168054	RES. CF-OHM-68-1/4W-J-T26-MINI	EA	1		NO
5	0R963	Yes	20	6212133054	RES. CF-OHM-33-1/4W-J-T26-MINI	EA	1		NO
5	0R964	Yes	20	6212168054	RES. CF-OHM-68-1/4W-J-T26-MINI	EA	1		NO
5	0R967	Yes	20	6224233234	RES. MF-KOHM-332-1/4W-F-T26	EA	1		NO
5	0R968	Yes	20	6224156224	RES. MF-KOHM-56.2-1/8W-F-T26	EA	1		NO
5	0R969	Yes	20	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1		NO
5	0R970	Yes	20	6212147354	RES. CF-KOHM-47-1/4W-J-T26-MIN	EA	1		NO
5	0R971	Yes	20	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI	EA	1		NO
5	0R972	No	20	6224124924	RES. MF-KOHM-24.9-1/8W-F-T26	EA	1		NO
5	0R981	No	20	6212368354	RES. CF-KOHM-68-1/4W-J-T26-	EA	1		NO
5	0R982	Yes	20	6212333457	RES. CF-KOHM-330-1/2W-J-AT52-	EA	1		NO
5	0R983	Yes	20	6212315157	RES. CF-OHM-150-.1/2W-J-AT52-	EA	1		NO
5	02S01	Yes	20	6852301037	SPARK GAP—DSP-301N-A21F--T52	EA	1		NO
5	02S31	Yes	20	6852301037	SPARK GAP—DSP-301N-A21F--T52	EA	1		NO
5	02S61	Yes	20	6852301037	SPARK GAP—DSP-301N-A21F--T52	EA	1		NO
5	02S81	Yes	20	6852201007	SPARK GAP—DSP-201M-A21F--T52	EA	1		NO
5	02S82	Yes	20	6852152107	SPARK GAP-1.5KV 1pFMAX-M—AT5	EA	1		NO
5	C501A	Yes	30	6337110385	CAP. CD-UF-0.01-50V-Z-T--Z5V-	EA	1		NO
5	C551A	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO
5	C552A	Yes	30	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO
5	C908A	Yes	30	6335410215	CAP. CD-PF-1000-500V-K-T--Y5P-	EA	1		NO
5	C909A	Yes	30	6335410115	CAP. CD-pF-100-500V-K-T--Y5P-	EA	1		NO
5	C914A	Yes	30	6338510115	CAP. CD-pF-100-1000V-K-T--X7R-	EA	1		NO
5	C938A	Yes	30	6335410215	CAP. CD-PF-1000-500V-K-T--Y5P-	EA	1		NO
5	C939A	Yes	30	6335410115	CAP. CD-pF-100-500V-K-T--Y5P-	EA	1		NO
5	C968A	Yes	30	6335410215	CAP. CD-PF-1000-500V-K-T--Y5P-	EA	1		NO
5	C969A	Yes	30	6335410115	CAP. CD-pF-100-500V-K-T--Y5P-	EA	1		NO
5	SJ901	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ902	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ903	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ904	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ905	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ906	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ907	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ913	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ916	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ917	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ918	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ919	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ921	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ922	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ924	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ925	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ926	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ927	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ928	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ929	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ930	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ931	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ932	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ933	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ935	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ936	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ937	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ938	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	SJ940	Yes	10	6702060000	JUMPER WIRE-FLUX SOLDER-000.6D	EA	0.024		NO
5	U1463	No	10	6831146300-01	PCB-VIDEO BD-PWB-1463	EA	1		YES
5	ZD501	Yes	20	6414051084	DIODE-ZNR-GDZJ 5.1B T7B--T26--	EA	1		NO
5	ZD502	Yes	20	6414051057	DIODE-ZNR-BZX79-C5V1-113--T52-	EA	1		NO
4	000G2	Yes	10	6631010090	TERMINAL-PIN-1P-D1.5xL13--	EA	1		NO
4	0C912	YES	10	6338410312	CAP. CD-uF-0.01-500V-K-T--X7R-	EA	1		NO
4	0C924	Yes	10	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO
4	0C983	Yes	10	6336610302	CAP. CD-uF-0.01-2000V-M-F-10-Z	EA	1		NO
4	0L501	Yes	10	6443024210	IC-Linear-M52743BSP-36P-SDIP-M	EA	1		NO
4	0L502	Yes	10	6444004130	IC-MOS-MTV021-21L-16P-PDIP-MYS	EA	1		NO
4	0N01	No	10	6442025000	IC-Linear-LM2402-11P-TO-220-NS	EA	1		NO
4	0N02 S1	No	10	6443005900	IC-Linear-LM324-14P--	EA	1		NO
4	0N02	Yes	10	6442005930	IC-Linear-KA324-14P-PDIP-	EA	1		NO
4	0LS01	Yes	10	6855003601	EMI FILTER-TX0313ONBT--BULLWIL	EA	1		NO
4	0LS04	Yes	10	6115101107	COIL PEAKING-uH-100-K-T52-	EA	1		NO
4	0LS31	Yes	10	6855003601	EMI FILTER-TX0313ONBT--BULLWIL	EA	1		NO
4	0LS61	Yes	10	6855003601	EMI FILTER-TX0313ONBT--BULLWIL	EA	1		NO
4	0L902	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L903	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L904	No	10	6881005003	CORE-BEAD-C3B RH3.5x3.2x1-VERT	EA	1		NO
4	0L905	Yes	10	6881005801	CORE-BEAD-C3B RH3.5x1.6x1(W)x2-	EA	1		NO
4	0L932	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L933	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L934	No	10	6881005003	CORE-BEAD-C3B RH3.5x3.2x1-VERT	EA	1		NO
4	0L935	Yes	10	6881005801	CORE-BEAD-C3B RH3.5x1.6x1(W)x2-	EA	1		NO
4	0L962	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L963	Yes	10	6115108104	COIL PEAKING-uH-0.1-K-T26-	EA	1		NO
4	0L964	No	10	6881005003	CORE-BEAD-C3B RH3.5x3.2x1-VERT	EA	1		NO
4	0L965	Yes	10	6881005801	CORE-BEAD-C3B RH3.5x1.6x1(W)x2-	EA	1		NO
4	0L975	Yes	10	6881000335	CORE-BEAD-B15RH3.5x6x0.8-VERT-	EA	1		NO
4	0L983	Yes	10	6881000335	CORE-BEAD-B15RH3.5x6x0.8-VERT-	EA	1		NO
4	0P901	Yes	10	6642150400	CONNECTOR-D-SUB-15P--01CB-15S-	EA	1		YES
4	0P902	Yes	10	6611130040	PLUG-13P-2.5mm-A2501WR2-13P-JW	EA	1		NO
4	0P903	Yes	10	6611070041	PLUG-7P-2.5mm-A2501WR2-7P-JWT	EA	1		NO
4	0P904	Yes	10	6611040041	PLUG-4P-2.5mm-A2501WR2-4P-JWT	EA	1		NO
4	0P905	Yes	10	6611050060	PLUG-5P-2.5mm-A2501WR2-5P-JWT	EA	1		NO
4	0P001	Yes	10	6631010090	TERMINAL-PIN-1P-D1.5xL13--	EA	1		NO
4	0P002	Yes	10	6631010090	TERMINAL-PIN-1P-D1.5xL13--	EA	1		NO
4	0R547	Yes	10	6221110352	RES. MOF-KOHM-10-1W-J-HOR-	EA	1		NO
4	0R943	Yes	10	6212356057	RES. CF-OHM-56-1/2W-J-AT52-	EA	1		NO
4	0R973	Yes	10	6212356057	RES. CF-OHM-56-1/2W-J-AT52-	EA	1		NO
4	0N001	Yes	10	6875000100	ADHESIVE-HOT MELT-1101-UL 94V0	EA	0.005		NO
4	0X01M	No	10	7746402201-0A	HEAT SINK--B1907NST-AL-CLEAN	53400039084	EA	1	NO
4	0X01N	No	10	7131130001	SCREW-TRIANGLE-Flat Washer-Rou	84400000035	EA	1	NO
4	VX01A	Yes	10	6623090020	SOCKET-CRT-9P-ISD901S-INCHANG		EA	1	YES
3	0	No	10	5797902977	AI-MAIN BD-B1907PNST(99)-4-E-3		EA	1	NO
4	02L04	No	10	1241000400	LABEL-MODEL LABEL-WHITE----		EA	1	NO
4	0C101	Yes	40	6335110215	CAP. CD-PF-1000-50V-K-T--Y5P-		EA	1	NO
4	0C102	Yes	40	6356133455	CAP. MEM-uF-0.33-50V-J-T--MATS		EA	1	NO
4	0C103	YES	40	6335182115	CAP. CD-pF-820-50V-K-T--Y5P-		EA	1	NO
4	0C104	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C105	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C106	Yes	40	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1		EA	1	NO
4	0C107	Yes	40	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1		EA	1	NO
4	0C109	Yes	40	6338547115	CAP. CD-pF-470-1000V-K-T--X7R-		EA	1	NO
4	0C118	Yes	40	6312222045	ALUMINATOR-uF-22-200V-T-105C-1		EA	1	NO
4	0C119	Yes	40	6312447905	ALUMINATOR-uF-4.7-250V-T-85C-1		EA	1	NO
4	0C120	Yes	40	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-		EA	1	NO
4	0C121	Yes	40	6311547045	ALUMINATOR-uF-47-50V-T-105C-8x		EA	1	NO
4	0C122	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-		EA	1	NO
4	0C123	Yes	40	6311547045	ALUMINATOR-uF-47-50V-T-105C-8x		EA	1	NO
4	0C125	Yes	40	6311533945	ALUMINATOR-uF-3.3-50V-T-105C-5		EA	1	NO
4	0C126	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C130	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x		EA	1	NO
4	0C131	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C132	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C133	Yes	40	6356133455	CAP. MEM-uF-0.33-50V-J-T--MATS		EA	1	NO
4	0C134	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C135	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C136	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C137	Yes	40	6333901115	CAP. CD-pF-100-1000V-K-T--SL-		EA	1	NO
4	0C138	Yes	40	6311210145	ALUMINATOR-uF-100-16V-T-105C-6		EA	1	NO
4	0C139	Yes	40	6311210145	ALUMINATOR-uF-100-16V-T-105C-6		EA	1	NO
4	0C301	Yes	40	6357147255	CAP. PEM-uF-0.0047-50V-J-T		EA	1	NO
4	0C302	Yes	40	6357147255	CAP. PEM-uF-0.0047-50V-J-T		EA	1	NO
4	0C303	Yes	40	6311622045	ALUMINATOR-uF-22-63V-T-105C-6.		EA	1	NO
4	0C304	Yes	40	6311322145	ALUMINATOR-UF-220-25V-T-105C-1		EA	1	NO
4	0C306	Yes	40	6356133355	CAP. MEM-uF-0.033-50V-J-T--MAT		EA	1	NO
4	0C307	YES	40	6331910155	CAP. CD-PF-100-50V-J-T--SL-		EA	1	NO
4	0C308	YES	40	6331910155	CAP. CD-PF-100-50V-J-T--SL-		EA	1	NO
4	0C309	YES	40	6331910155	CAP. CD-PF-100-50V-J-T--SL-		EA	1	NO
4	0C310	YES	40	6331910155	CAP. CD-PF-100-50V-J-T--SL-		EA	1	NO
4	0C312	Yes	40	6356115455	CAP. MEM-uF-0.15-50V-J-T--MATS		EA	1	NO
4	0C313	Yes	40	6357110455	CAP. PEM-uF-0.1-50V-J-T		EA	1	NO
4	0C31A	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-		EA	1	NO
4	0C31C	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-		EA	1	NO
4	0C31E	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C401	Yes	40	6331110055	CAP. CD-pF-10-50V-J-T--NPO-		EA	1	NO
4	0C402	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C403	Yes	40	6356110455	CAP. MEM-uF-0.1-50V-J-T--MATSU		EA	1	NO
4	0C405	Yes	40	6322122225	CAP. PPN-uF-0.0022-100V-G-T--		EA	1	NO
4	0C407	Yes	40	6311210145	ALUMINATOR-uF-100-16V-T-105C-6		EA	1	NO
4	0C408	Yes	40	6356110455	CAP. MEM-uF-0.1-50V-J-T--MATSU		EA	1	NO
4	0C409	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C40E	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6		EA	1	NO
4	0C40F	YES	40	6321522355-01	CAP. MEF-uF-0.022-50V-J-T-		EA	1	NO
4	0C410	Yes	40	6357182255	CAP. PEM-uF-0.0082-50V-J-T		EA	1	NO
4	0C411	Yes	40	6356110455	CAP. MEM-uF-0.1-50V-J-T--MATSU		EA	1	NO
4	0C412	Yes	40	6322110325	CAP. PPN-uF-0.01-100V-G-T--		EA	1	NO
4	0C413	Yes	40	6357156255	CAP. PEM-uF-0.0056-50V-J-T		EA	1	NO
4	0C414	Yes	40	6356122455	CAP. MEM-uF-0.22-50V-J-T--MATS		EA	1	NO
4	0C415	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x		EA	1	NO
4	0C417	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C419	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-		EA	1	NO
4	0C421	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-		EA	1	NO
4	0C423	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-		EA	1	NO
4	0C429	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*		EA	1	NO
4	0C42C	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C42E	Yes	40	6311547045	ALUMINATOR-uF-47-50V-T-105C-8x		EA	1	NO
4	0C432	Yes	40	6311222145	ALUMINATOR-uF-220-16V-T-105C-8		EA	1	NO
4	0C437	YES	40	6321122355-01	CAP. MEF-uF-0.022-100V-J-T-		EA	1	NO
4	0C438	Yes	40	6356122455	CAP. MEM-uF-0.22-50V-J-T--MATS		EA	1	NO
4	0C439	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C440	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6		EA	1	NO
4	0C441	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6		EA	1	NO
4	0C442	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x		EA	1	NO
4	0C443	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C445	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO
4	0C446	Yes	40	6356122455	CAP. MEM-uF-0.22-50V-J-T--MATS		EA	1	NO
4	0C447	Yes	40	6312101075	ALUMINATOR-uF-1-100V-T-105C--N		EA	1	NO
4	0C448	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-		EA	1	NO

4	0C449	Yes	40	6322133255	CAP. PPN-uF-0.0033-100V-J-T-	EA	1		NO	
4	0C450	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C451	Yes	40	6356110455	CAP. MEM-uF-0.1-50V-J-T--MATSU	EA	1		NO	
4	0C452	Yes	40	6322947015	CAP. CD-pF-47-500V-K-T--SL-	EA	1		NO	
4	0C453	Yes	40	6322122225	CAP. PPN-uF-0.0022-100V-G-T--	EA	1		NO	
4	0C454	Yes	40	6322122225	CAP. PPN-uF-0.0022-100V-G-T--	EA	1		NO	
4	0C456	Yes	40	6311547975	ALUMINATOR-uF-4.7-50V-T-105C-6	EA	1		NO	
4	0C457	Yes	10	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x	EA	1		NO	
4	0C458	Yes	40	6357110255	CAP. PEM-uF-0.001-50V-J-T	EA	1		NO	
4	0C459	Yes	40	6335166115	CAP. CD-PF-680-50V-K-T--Y5P-	EA	1		NO	
4	0C460	Yes	40	6338522115	CAP. CD-pF-220-1000V-K-T--X7R-	EA	1		NO	
4	0C5A1	YES	10	6335147215	CAP. CD-PF-4700-50V-K-T--Y5P-	EA	1		NO	
4	0C5A4	Yes	10	6336410305	CAP. CD-uF-0.01-500V-M-T--Z5U-	EA	1		NO	
4	0C701	YES	40	6331947055	CAP. CD-PF-47-50V-J-T--SL-	EA	1		NO	
4	0C702	YES	40	6331947055	CAP. CD-PF-47-50V-J-T--SL-	EA	1		NO	
4	0C703	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C704	Yes	40	6311210145	ALUMINATOR-uF-100-16V-T-105C-6	EA	1		NO	
4	0C705	Yes	40	6335110215	CAP. CD-PF-1000-50V-K-T--Y5P-	EA	1		NO	
4	0C706	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C707	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C709	Yes	40	6335166115	CAP. CD-PF-680-50V-K-T--Y5P-	EA	1		NO	
4	0C710	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C711	YES	40	6331927055	CAP. CD-PF-27-50V-J-T--SL-	EA	1		NO	
4	0C712	YES	40	6331927055	CAP. CD-PF-27-50V-J-T--SL-	EA	1		NO	
4	0C713	Yes	40	6311547945	ALUMINATOR-uF-4.7-50V-T-105C-5	EA	1		NO	
4	0C714	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C715	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C716	Yes	40	6311522045	ALUMINATOR-uF-22-50V-T-105C-5x	EA	1		NO	
4	0C718	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C719	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C721	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C723	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C725	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C727	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C729	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C731	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO	
4	0C732	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO	
4	0C733	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO	
4	0C734	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO	
4	0C735	Yes	40	6335115115	CAP. CD-pF-150-50V-K-T--Y5P-	EA	1		NO	
4	0C736	Yes	40	6335110115	CAP. CD-PF-100-50V-K-F--Y5P-	EA	1		NO	
4	0C737	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C740	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C741	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C808	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x	EA	1		NO	
4	0C809	Yes	40	6335133215	CAP. CD-pF-3300-50V-K-T--Y5P-	EA	1		NO	
4	0C80A	Yes	40	6338510215	CAP. CD-pF-1000-1000V-K-T--X7R	EA	1		NO	
4	0C80C	Yes	40	6338510215	CAP. CD-pF-1000-1000V-K-T--X7R	EA	1		NO	
4	0C80E	Yes	40	6336510205	CAP. CD-pF-1000-1000V-M-T--Z5U	EA	1		NO	
4	0C811	Yes	40	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1	EA	1		NO	
4	0C812	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C813	Yes	40	6338110485	CAP. CD-UF-0.1-50V-Z-T--Y5V-	EA	1		NO	
4	0C815	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C820	Yes	40	6357110455	CAP. PEM-uF-0.1-50V-J-T	EA	1		NO	
4	0C822	Yes	40	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1	EA	1		NO	
4	0C828	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x	EA	1		NO	
4	0C831	YES	40	6335182115	CAP. CD-pF-820-50V-K-T--Y5P-	EA	1		NO	
4	0C832	Yes	40	6322147255	CAP. PPN-uF-0.0047-100V-J-T--	EA	1		NO	
4	0C833	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C839	Yes	40	6338533115	CAP. CD-pF-330-1000V-K-T--X7R-	EA	1		NO	
4	0C840	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C841	Yes	40	6312447875	ALUMINATOR-uF-0.47-250V-T-105C	EA	1		NO	
4	0C846	Yes	40	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO	
4	0C848	Yes	40	6338110315	CAP. CD-UF-0.01-50V-K-T--X7R-	EA	1		NO	
4	0C849	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C850	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*	EA	1		NO	
4	0C851	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C852	Yes	40	6311347145	ALUMINATOR-uF-470-25V-T-105C-1	EA	1		NO	
4	0C853	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C854	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C856	Yes	40	6338410215	CAP. CD-pF-1000-500V-K-T--X7R-	EA	1		NO	
4	0C858	Yes	40	6336410305	CAP. CD-uF-0.01-500V-M-T--Z5U-	EA	1		NO	
4	0C859	Yes	40	6311347045	ALUMINATOR-UF-47-25V-T-105C-5*	EA	1		NO	
4	0C861	Yes	40	6336410305	CAP. CD-uF-0.01-500V-M-T--Z5U-	EA	1		NO	
4	0C862	Yes	40	6311510045	ALUMINATOR-uF-10-50V-T-105C-5x	EA	1		NO	
4	0C863	Yes	40	6311622145	ALUMINATOR-uF-220-63V-T-105C-1	EA	1		NO	
4	0C864	Yes	40	6336410305	CAP. CD-uF-0.01-500V-M-T--Z5U-	EA	1		NO	
4	0C865	Yes	40	6356133455	CAP. MEM-uF-0.33-50V-J-T--MATS	EA	1		NO	
4	0C866	Yes	40	6335168115	CAP. CD-PF-680-50V-K-T--Y5P-	EA	1		NO	
4	0C869	Yes	40	6336410385	CAP. CD-UF-0.01-500V-Z-T--Z5U-	EA	1		NO	
4	0C870	Yes	40	6311310145	ALUMINATOR-uF-100-25V-T-105C-6	EA	1		NO	
4	0C872	Yes	40	6335110315	CAP. CD-UF-0.01-50V-K-T--Y5P-	EA	1		NO	
4	0C873	Yes	40	6311501045	ALUMINATOR-uF-1-50V-T-105C-5x1	EA	1		NO	
4	0C874	Yes	40	6312447875	ALUMINATOR-uF-0.47-250V-T-105C	EA	1		NO	
4	0D101	Yes	30	6412004334	DIODE--UF1002M-1A/100V-T26-50n	EA	1		NO	
4	0D102	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D104	Yes	30	6412014607	DIODE--BYV26B SOD-57--T52--	EA	1		NO	
4	0D107	Yes	30	6412003614	DIODE--UF1004M-1A/400V-T26--LI	EA	1		NO	
4	0D108	Yes	30	6412004334	DIODE--UF1002M-1A/100V-T26-50n	EA	1		NO	
4	0D112	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D113	Yes	30	6412001767	DIODE--1N4148/S-113--T52--PHIL	EA	1		NO	
4	0D114	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D115	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D116	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D301	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D401	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D402	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D403	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D407	Yes	30	6412004334	DIODE--UF1002M-1A/100V-T26-50n	EA	1		NO	
4	0D408	Yes	30	6412003614	DIODE--UF1004M-1A/400V-T26--LI	EA	1		NO	
4	0D410	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D412	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D42A	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D701	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D702	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D703	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D704	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D705	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0D802	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D803	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D804	Yes	30	6412004334	DIODE--UF1002M-1A/100V-T26-50n	EA	1		NO	
4	0D805	Yes	30	6412000807	DIODE--1N4002--T52--LITE-ON	EA	1		NO	
4	0D806	Yes	30	6412011904	DIODE--SB120-1A/20V-T26--	EA	1		NO	
4	0D810	Yes	30	6412007027	DIODE--BYV36E-1.5A/1KV-T52--	EA	1		NO	
4	0D811	Yes	30	6412001917	DIODE--BYV26E-1A/1KV-T52--	EA	1		NO	
4	0D812	Yes	30	6412014307	DIODE--BYV26C SOD-57--T52--	EA	1		NO	
4	0D813	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D821	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO	
4	0D822	No	30	6412022207	DIODE--SF20-02GTRA-2-2A/200V-T	EA	1		NO	
4	0D823	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO	
4	0D825	YES	30	6412001764	DIODE-1N4148/S-143--PHILIPS--T	EA	1		NO	
4	0D828	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO	
4	0D830	Yes	30	6412000804	DIODE--1N4002--T26--LITE-ON	EA	1		NO	
4	0J001	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J002	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J003	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J004	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J005	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J006	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J007	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J008	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J009	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J010	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J011	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J012	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J013	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J014	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J015	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J016	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J017	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J018	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J019	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J020	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J021	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J022	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J023	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J024	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J025	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J026	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J027	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J028	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J029	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J030	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J031	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J032	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J033	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J034	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J035	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J036	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J037	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J038	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J039	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J040	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J041	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J042	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J043	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J044	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J045	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J046	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J047	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J048	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J049	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J050	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J051	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J052	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J053	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J054	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J055	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J056	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J057	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J058	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J059	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J060	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J061	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J062	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J063	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J064	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J065	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J066	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J067	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J068	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J069	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J070	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J071	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J072	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J073	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J074	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J075	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J076	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J077	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J078	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J079	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J080	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J081	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J082	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	
4	0J083	Yes	20	6700060000	JUMPER WIRE-	AE	0	9	NO	

4	QJ084	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ085	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ086	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ087	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ088	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
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4	QJ100	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
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4	QJ158	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ159	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ160	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
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4	QJ164	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ165	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
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4	QJ167	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
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4	QJ170	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ171	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ172	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ173	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ174	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ175	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ176	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ177	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ178	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ179	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ180	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ181	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ182	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ183	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ184	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ185	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ186	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ187	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ188	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ189	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ190	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ191	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ192	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ193	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ194	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ195	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ196	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ197	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ198	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ199	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ200	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ201	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ202	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ203	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ204	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ205	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ206	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ207	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ208	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ209	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ210	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ211	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QJ212	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QL102	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QL104	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QL105	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QL106	Yes	30	6881001407	CORE-BEAD-C8B RH3.5x9x1.0T--	EA	1		NO
4	QL301	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QL302	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QL402	Yes	30	6881000344	CORE-BEAD-RH3.5*4.5*0.8-T26-	EA	1		NO
4	QL404	No	30	6881001505	CORE-BEAD-W5RH3.5x6x1d-VERTYP5	EA	1		NO
4	QL406	Yes	20	6700060000	JUMPER WIRE-	kg	0	9	NO
4	QL814	Yes	30	6881000367	CORE-BEAD-B15RH3.5*4.7*0.8-T52	EA	1		NO
4	QL816	Yes	30	6881001507	CORE-BEAD-W5 RH3.5x6x1.0T--	EA	1		NO
4	QQ101	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ102	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ106	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ107	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ108	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ109	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ112	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ113	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ114	Yes	40	6421000015	TRANSISTOR-NPN-2SC1213ACTZ--HI	EA	1		NO
4	QQ31A	Yes	40	6421000415	TRANSISTOR-NPN-KSC945C-Y-TA--F	EA	1		NO
4	QQ31C	Yes	40	6421000415	TRANSISTOR-NPN-KSC945C-Y-TA--F	EA	1		NO
4	QQ401	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ402	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ403	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ404	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ406	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ408	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ410	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ412	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ414	Yes	40	6421000015	TRANSISTOR-NPN-2SC1213ACTZ--HI	EA	1		NO
4	QQ415	Yes	40	6424003005	TRANSISTOR-PNP-2SA673ACTZ-T7A-	EA	1		NO
4	QQ419	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ420	Yes	40	6424000905	TRANSISTOR-PNP-KSA928A-Y-TA--F	EA	1		NO
4	QQ421	Yes	40	6421001405	TRANSISTOR-NPN-KSC2328A-Y-TA--	EA	1		NO
4	QQ422	Yes	40	6424003005	TRANSISTOR-PNP-2SA673ACTZ-T7A-	EA	1		NO
4	QQ423	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ427	YES	40	6426005005	FET-N-CHNL-2SK94(TPE6)-0.6/10	EA	1		NO
4	QQ428	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ429	Yes	40	6426008505	FET-N-CHNL-2N7000--FAIRCHILD	EA	1		NO
4	QQ42A	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ42C	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ42E	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ42F	Yes	40	6421002705	TRANSISTOR-NPN-KSD1616A-G-TA-T	EA	1		NO
4	QQ430	Yes	40	6426008505	FET-N-CHNL-2N7000--FAIRCHILD	EA	1		NO
4	QQ431	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ432	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ433	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ434	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ435	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ436	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ701	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ702	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ703	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ704	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ705	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ706	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ801	YES	40	6421001005	TRANSISTOR-NPN-2SC1959YTPE2-TO	EA	1		NO
4	QQ803	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ804	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ805	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ811	Yes	40	6423002925	TRANSISTOR-NPN-HBF422T/B-TO-92	EA	1		NO
4	QQ813	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ817	Yes	40	6424000905	TRANSISTOR-PNP-KSA928A-Y-TA--F	EA	1		NO
4	QQ818	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ819	Yes	40	6424000905	TRANSISTOR-PNP-KSA928A-Y-TA--F	EA	1		NO
4	QQ820	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ822	YES	40	6423000015	TRANSISTOR-PNP-2SA1015-Y(TPE2)	EA	1		NO
4	QQ823	YES	40	6421000325	TRANSISTOR-NPN-2SC1815-Y(TPE2)	EA	1		NO
4	QQ824	Yes	40	6424000905	TRANSISTOR-PNP-KSA928A-Y-TA--F	EA	1		NO
4	0R101	Yes	30	6212139254	RES. CF-KOHM-3.9-1/4W-J-T26-MI	EA	1		NO
4	0R102	Yes	30	6212120254	RES. CF-KOHM-2-1/4W-J-T26-MINI	EA	1		NO
4	0R103	Yes	30	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI	EA	1		NO
4	0R104	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO
4	0R105	Yes	30	6224125514	RES. MF-KOHM-2.55-1/8W-F-T26	EA	1		NO
4	0R106	Yes	30	6212168154	RES. CF-OHM-680-1/4W-J-T26-MIN	EA	1		NO
4	0R107	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1		NO

4	0R108	Yes	30	6224112134	RES. MF-KOHM-121-1/8W-F-T26	EA	1	NO
4	0R109	Yes	30	6224130134	RES. MF-KOHM-301-1/8W-F-T26	EA	1	NO
4	0R110	Yes	30	6224210094	RES. MF-OHM-10-1/4W-F-T26	EA	1	NO
4	0R111	Yes	30	6224227094	RES. MF-OHM-27-1/4W-F-T26	EA	1	NO
4	0R112	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R117	Yes	30	6224210994	RES. MF-OHM-10-1/4W-F-T26	EA	1	NO
4	0R123	Yes	30	6212110554	RES. CF-MOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R126	Yes	30	6224113324	RES. MF-KOHM-13.3-1/8W-F-T26	EA	1	NO
4	0R129	Yes	30	6224132414	RES. MF-KOHM-3.24-1/8W-F-T26	EA	1	NO
4	0R132	Yes	30	6224211034	RES. MF-KOHM-110-1/4W-F-T26	EA	1	NO
4	0R134	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R135	Yes	30	6212112254	RES. CF-KOHM-1.2-1/4W-J-T26-MI	EA	1	NO
4	0R136	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R138	Yes	30	6212122354	RES. CF-KOHM-22-1/4W-J-T26-MIN	EA	1	NO
4	0R140	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R142	Yes	30	6212110357	RES. CF-KOHM-10-1/4W-J-T52-MIN	EA	1	NO
4	0R143	Yes	30	6224110024	RES. MF-KOHM-10-1/8W-F-T26	EA	1	NO
4	0R144	Yes	30	6224130124	RES. MF-KOHM-30.1-1/8W-F-T26	EA	1	NO
4	0R145	Yes	30	6212115254	RES. CF-KOHM-1.5-1/4W-J-T26-MI	EA	1	NO
4	0R146	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1	NO
4	0R147	Yes	30	6224147514	RES. MF-KOHM-4.75-1/8W-F-T26	EA	1	NO
4	0R148	Yes	30	6224111034	RES. MF-KOHM-110-1/8W-F-T26	EA	1	NO
4	0R149	Yes	30	6224110034	RES. MF-KOHM-100-1/8W-F-T26	EA	1	NO
4	0R150	Yes	30	6224120024	RES. MF-KOHM-20-1/8W-F-T26	EA	1	NO
4	0R151	Yes	30	6224110024	RES. MF-KOHM-10-1/8W-F-T26	EA	1	NO
4	0R152	Yes	30	6224106414	RES. MF-KOHM-6.04-1/8W-F-T26	EA	1	NO
4	0R153	Yes	30	6224156214	RES. MF-KOHM-5.62-1/8W-F-T26	EA	1	NO
4	0R154	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R155	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R156	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R157	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R158	Yes	30	6212310257	RES. CF-KOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R159	Yes	30	6212410557	RES. CF-MOHM-1-1W-J-TS2-	EA	1	NO
4	0R160	No	30	6212215254	RES. CF-KOHM-1.5-1/4W-J-T26-	EA	1	NO
4	0R161	Yes	30	6224227434	RES. MF-KOHM-274-1/4W-F-T26	EA	1	NO
4	0R162	Yes	30	6224227434	RES. MF-KOHM-274-1/4W-F-T26	EA	1	NO
4	0R163	Yes	30	6224227434	RES. MF-KOHM-274-1/4W-F-T26	EA	1	NO
4	0R164	Yes	30	6224115024	RES. MF-KOHM-15-1/8W-F-T26	EA	1	NO
4	0R168	Yes	30	6212122254	RES. CF-OHM-22-1/4W-J-T26-MINI	EA	1	NO
4	0R169	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI	EA	1	NO
4	0R170	Yes	30	6224168114	RES. MF-KOHM-6.81-1/8W-F-T26	EA	1	NO
4	0R171	Yes	30	6224110004	RES. MF-OHM-100-1/8W-F-T26	EA	1	NO
4	0R172	Yes	30	6224112114	RES. MF-KOHM-1.21-1/8W-F-T26	EA	1	NO
4	0R173	Yes	30	6224156224	RES. MF-KOHM-56.2-1/8W-F-T26	EA	1	NO
4	0R174	Yes	30	6224182504	RES. MF-OHM-825-1/8W-F-T26	EA	1	NO
4	0R175	Yes	30	6224127404	RES. MF-OHM-274-1/8W-F-T26	EA	1	NO
4	0R176	Yes	30	6224113724	RES. MF-KOHM-13.7-1/8W-F-T26	EA	1	NO
4	0R301	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1	NO
4	0R302	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R304	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R308	Yes	30	6212122054	RES. CF-OHM-22-1/4W-J-T26-MINI	EA	1	NO
4	0R309	Yes	30	6212151254	RES. CF-KOHM-5.1-1/4W-J-T26-MI	EA	1	NO
4	0R30A	Yes	30	6212115054	RES. CF-OHM-15-1/4W-J-T26-MINI	EA	1	NO
4	0R311	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R312	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R313	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R314	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R315	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R316	Yes	30	6212110157	RES. CF-OHM-100-1/4W-J-T52-MIN	EA	1	NO
4	0R317	Yes	30	6212110157	RES. CF-OHM-100-1/4W-J-T52-MIN	EA	1	NO
4	0R319	Yes	30	6212122354	RES. CF-KOHM-22-1/4W-J-T26-MIN	EA	1	NO
4	0R31A	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R31C	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R31E	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R31F	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R400	Yes	30	6224111524	RES. MF-KOHM-11.5-1/8W-F-T26	EA	1	NO
4	0R401	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R402	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R403	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI	EA	1	NO
4	0R404	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R405	Yes	30	6224122124	RES. MF-KOHM-22.1-1/8W-F-T26	EA	1	NO
4	0R406	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI	EA	1	NO
4	0R407	Yes	30	6224110024	RES. MF-KOHM-10-1/8W-F-T26	EA	1	NO
4	0R408	Yes	30	6224112124	RES. MF-KOHM-12.1-1/8W-F-T26	EA	1	NO
4	0R409	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R40C	Yes	30	6212210254	RES. CF-KOHM-1-1/4W-J-T26-	EA	1	NO
4	0R40E	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R40F	Yes	30	6212322057	RES. CF-OHM-22-1/2W-J-AT52-	EA	1	NO
4	0R40G	Yes	30	6212322057	RES. CF-OHM-22-1/2W-J-AT52-	EA	1	NO
4	0R410	Yes	30	6224214734	RES. MF-KOHM-147-1/4W-F-T26	EA	1	NO
4	0R411	Yes	30	6212156154	RES. CF-OHM-560-1/4W-J-T26-MIN	EA	1	NO
4	0R412	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R413	Yes	30	6212368157	RES. CF-OHM-680-1/2W-J-AT52-	EA	1	NO
4	0R414	Yes	30	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI	EA	1	NO
4	0R415	Yes	30	6212247954	RES. CF-OHM-4.7-1/4W-J-T26-	EA	1	NO
4	0R416	Yes	30	6224126214	RES. MF-KOHM-26.1-1/8W-F-T26	EA	1	NO
4	0R417	Yes	30	6224214734	RES. MF-KOHM-147-1/4W-F-T26	EA	1	NO
4	0R418	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R419	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R420	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R421	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R422	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI	EA	1	NO
4	0R423	Yes	30	6224175004	RES. MF-OHM-750-1/8W-F-T26	EA	1	NO
4	0R424	Yes	30	6224126714	RES. MF-KOHM-2.67-1/8W-F-T26	EA	1	NO
4	0R425	Yes	30	6212182257	RES. CF-KOHM-8.2-1/4W-J-T52-MI	EA	1	NO
4	0R426	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R427	Yes	30	6212139354	RES. CF-KOHM-39-1/4W-J-T26-MIN	EA	1	NO
4	0R428	Yes	30	6212127354	RES. CF-KOHM-27-1/4W-J-T26-MIN	EA	1	NO
4	0R42A	Yes	30	6212120354	RES. CF-KOHM-20-1/4W-J-T26-MIN	EA	1	NO
4	0R42C	Yes	30	6212115354	RES. CF-KOHM-15-1/4W-J-T26-MIN	EA	1	NO
4	0R42E	Yes	30	6212130254	RES. CF-KOHM-3-1/4W-J-T26-MINI	EA	1	NO
4	0R42F	Yes	30	6212115354	RES. CF-KOHM-15-1/4W-J-T26-MIN	EA	1	NO
4	0R42G	Yes	30	6212120254	RES. CF-KOHM-2-1/4W-J-T26-MINI	EA	1	NO
4	0R42H	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R430	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R431	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R432	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R433	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R434	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R435	Yes	30	6212310557	RES. CF-MOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R436	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI	EA	1	NO
4	0R437	Yes	30	6224233094	RES. MF-OHM-33-1/4W-F-T26	EA	1	NO
4	0R438	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R440	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R441	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R442	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R443	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R444	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R445	Yes	30	6212310557	RES. CF-MOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R450	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R451	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R452	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R453	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R454	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R455	Yes	30	6212310557	RES. CF-MOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R456	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R459	Yes	30	6212310057	RES. CF-OHM-10-1/2W-J-AT52-	EA	1	NO
4	0R460	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R461	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R462	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R463	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R464	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R465	Yes	30	6212310557	RES. CF-MOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R467	Yes	30	6212168154	RES. CF-OHM-680-1/4W-J-T26-MIN	EA	1	NO
4	0R468	Yes	30	6224130924	RES. MF-KOHM-30.9-1/8W-F-T26	EA	1	NO
4	0R469	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R470	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R471	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R472	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R473	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R474	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R475	Yes	30	6212310557	RES. CF-MOHM-1-1/2W-J-AT52-	EA	1	NO
4	0R476	Yes	30	6212147954	RES. CF-OHM-4.7-1/4W-J-T26-MIN	EA	1	NO
4	0R477	No	30	6212210954	RES. CF-OHM-1-1/4W-J-T26-	EA	1	NO
4	0R478	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R479	Yes	30	6224133224	RES. MF-KOHM-33.2-1/8W-F-T26	EA	1	NO
4	0R480	Yes	30	6224115024	RES. MF-KOHM-15-1/8W-F-T26	EA	1	NO
4	0R481	Yes	30	6224130124	RES. MF-KOHM-30.1-1/8W-F-T26	EA	1	NO
4	0R482	Yes	30	6224143224	RES. MF-KOHM-43.2-1/8W-F-T26	EA	1	NO
4	0R483	Yes	30	6212113454	RES. CF-KOHM-130-1/4W-J-T26-MI	EA	1	NO
4	0R484	Yes	30	6224125524	RES. MF-KOHM-25.5-1/8W-F-T26	EA	1	NO
4	0R485	Yes	30	6224139224	RES. MF-KOHM-39.2-1/8W-F-T26	EA	1	NO
4	0R486	Yes	30	6212151454	RES. CF-KOHM-510-1/4W-J-T26-MI	EA	1	NO
4	0R487	Yes	30	6212118254	RES. CF-KOHM-1.8-1/4W-J-T26-MI	EA	1	NO
4	0R488	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R489	Yes	30	6224182514	RES. MF-KOHM-8.25-1/8W-F-T26	EA	1	NO
4	0R490	Yes	30	6224121524	RES. MF-KOHM-21.5-1/8W-F-T26	EA	1	NO
4	0R491	Yes	30	6224137424	RES. MF-KOHM-37.4-1/8W-F-T26	EA	1	NO
4	0R495	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R496	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R497	No	30	6224120524	RES. MF-KOHM-20.5-1/8W-F-T26	EA	1	NO
4	0R498	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R499	Yes	30	6224120024	RES. MF-KOHM-20-1/8W-F-T26	EA	1	NO
4	0R4A0	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R4A1	Yes	30	6212122257	RES. CF-KOHM-2.2-1/4W-J-T52-MI	EA	1	NO
4	0R4A2	Yes	30	6224222004	RES. MF-OHM-220-1/4W-F-T26	EA	1	NO
4	0R4A3	Yes	30	6224227004	RES. MF-OHM-270-1/4W-F-T26	EA	1	NO
4	0R4A5	Yes	30	6212333157	RES. CF-OHM-330-1/2W-J-AT52-	EA	1	NO
4	0R4A6	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R4A7	Yes	30	6224127424	RES. MF-KOHM-27.4-1/8W-F-T26	EA	1	NO
4	0R4A8	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R4A9	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R4C0	Yes	30	6212120354	RES. CF-KOHM-20-1/4W-J-T26-MIN	EA	1	NO
4	0R701	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R702	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R703	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R704	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R705	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN	EA	1	NO
4	0R706	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R707	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R708	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R709	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R70A	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN	EA	1	NO
4	0R710	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R711	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R712	Yes	30	6212156154	RES. CF-OHM-560-1/4W-J-T26-MIN	EA	1	NO
4	0R713	Yes	30	6212156154	RES. CF-OHM-560-1/4W-J-T26-MIN	EA	1	NO
4	0R714	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R715	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R716	Yes	30	6212139354	RES. CF-KOHM-39-1/4W-J-T26-MIN	EA	1	NO
4	0R717	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R718	Yes	30	6212110357	RES. CF-KOHM-10-1/4W-J-T52-MIN	EA	1	NO
4	0R721	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R722	Yes	30	6212133054	RES. CF-OHM-33-1/4W-J-T26-MINI	EA	1	NO
4	0R723	Yes	30	6212133054	RES. CF-OHM-33-1/4W-J-T26-MINI	EA	1	NO
4	0R725	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R726	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO
4	0R727	Yes	30	6212368157	RES. CF-OHM-680-1/2W-J-AT52-	EA	1	NO
4	0R728	Yes	30	6212147257	RES. CF-KOHM-4.7-1/4W-J-TS2-MI	EA	1	NO
4	0R729	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R730	Yes	30	6212122354	RES. CF-KOHM-22-1/4W-J-T26-MIN	EA	1	NO
4	0R731	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI	EA	1	NO
4	0R732	Yes	30	6212122354	RES. CF-KOHM-22-1/4W-J-T26-MIN	EA	1	NO
4	0R733	Yes	30	6212130154	RES. CF-OHM-300-1/4W-J-T26-MIN	EA	1	NO
4	0R734	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI	EA	1	NO
4	0R735	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI	EA	1	NO

4	0R736	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI		EA	1	NO
4	0R737	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN		EA	1	NO
4	0R738	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN		EA	1	NO
4	0R739	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI		EA	1	NO
4	0R740	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI		EA	1	NO
4	0R741	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R742	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R743	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R744	Yes	30	6212110154	RES. CF-OHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R745	Yes	30	6212110154	RES. CF-OHM-100-1/4W-J-T26-MIN		EA	1	NO
4	0R746	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R747	Yes	30	6212168254	RES. CF-KOHM-6.8-1/4W-J-T26-MI		EA	1	NO
4	0R748	Yes	30	6212147154	RES. CF-OHM-470-1/4W-J-T26-MIN		EA	1	NO
4	0R749	Yes	30	6212151254	RES. CF-KOHM-5.1-1/4W-J-T26-MI		EA	1	NO
4	0R750	Yes	30	6212124357	RES. CF-KOHM-24-1/4W-J-T52-MIN		EA	1	NO
4	0R750	Yes	30	6881000337	CORE-BEAD-B15 RH3.5x6x0.8-T52-		EA	1	NO
4	0R750	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R751	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R752	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R753	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R754	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R755	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R756	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R757	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R758	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R759	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R760	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R761	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R762	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R763	Yes	30	6212139254	RES. CF-KOHM-3.9-1/4W-J-T26-MI		EA	1	NO
4	0R764	Yes	30	6212133057	RES. CF-OHM-33-1/4W-J-T52-MINI		EA	1	NO
4	0R765	Yes	30	6212133057	RES. CF-OHM-33-1/4W-J-T52-MINI		EA	1	NO
4	0R766	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R800	Yes	30	6224112134	RES. MF-KOHM-121-1/8W-F-T26		EA	1	NO
4	0R801	Yes	30	6212347457	RES. CF-KOHM-470-1/2W-J-AT52-		EA	1	NO
4	0R805	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R806	Yes	30	6212130254	RES. CF-KOHM-3-1/4W-J-T26-MINI		EA	1	NO
4	0R807	Yes	30	6224147534	RES. MF-KOHM-475-1/8W-F-T26		EA	1	NO
4	0R808	Yes	30	6224147534	RES. MF-KOHM-475-1/8W-F-T26		EA	1	NO
4	0R809	Yes	30	6224156224	RES. MF-KOHM-56.2-1/8W-F-T26		EA	1	NO
4	0R810	Yes	30	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI		EA	1	NO
4	0R811	Yes	30	6212151254	RES. CF-KOHM-5.1-1/4W-J-T26-MI		EA	1	NO
4	0R812	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R813	Yes	30	6212120454	RES. CF-KOHM-200-1/4W-J-T26-MI		EA	1	NO
4	0R814	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI		EA	1	NO
4	0R817	Yes	30	6224122124	RES. MF-KOHM-22.1-1/8W-F-T26		EA	1	NO
4	0R818	Yes	30	6212147054	RES. CF-OHM-47-1/4W-J-T26-MINI		EA	1	NO
4	0R819	Yes	30	6224168104	RES. MF-OHM-681-1/8W-F-T26		EA	1	NO
4	0R820	Yes	30	6212120154	RES. CF-OHM-200-1/4W-J-T26-MIN		EA	1	NO
4	0R831	Yes	30	6212315357	RES. CF-KOHM-15-1/2W-J-AT52-		EA	1	NO
4	0R833	Yes	30	6212182454	RES. CF-KOHM-820-1/4W-J-T26-MI		EA	1	NO
4	0R834	Yes	30	6212310157	RES. CF-OHM-100-1/2W-J-AT52-		EA	1	NO
4	0R837	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R838	Yes	30	6212182454	RES. CF-KOHM-820-1/4W-J-T26-MI		EA	1	NO
4	0R840	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R841	Yes	30	6212147354	RES. CF-KOHM-47-1/4W-J-T26-MIN		EA	1	NO
4	0R861	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R862	Yes	30	6212368357	RES. CF-KOHM-68-1/2W-J-AT52-		EA	1	NO
4	0R863	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R865	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R866	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R868	Yes	30	6224130124	RES. MF-KOHM-30.1-1/8W-F-T26		EA	1	NO
4	0R869	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R871	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R872	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI		EA	1	NO
4	0R875	Yes	30	6224147514	RES. MF-KOHM-4.75-1/8W-F-T26		EA	1	NO
4	0R881	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R882	Yes	30	6212339157	RES. CF-OHM-390-1/2W-J-AT52-		EA	1	NO
4	0R883	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R884	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI		EA	1	NO
4	0R887	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R888	Yes	30	6224218234	RES. MF-KOHM-182-1/4W-F-T26		EA	1	NO
4	0R890	Yes	30	6212233257	RES. CF-KOHM-3.3-1/4W-J-T52-		EA	1	NO
4	0R892	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R893	Yes	30	6212133254	RES. CF-KOHM-3.3-1/4W-J-T26-MI		EA	1	NO
4	0R895	Yes	30	6224218234	RES. MF-KOHM-182-1/4W-F-T26		EA	1	NO
4	0R896	Yes	30	6224147514	RES. MF-KOHM-4.75-1/8W-F-T26		EA	1	NO
4	0R897	Yes	30	6224122114	RES. MF-KOHM-2.21-1/8W-F-T26		EA	1	NO
4	0R898	Yes	30	6212115254	RES. CF-KOHM-1.5-1/4W-J-T26-MI		EA	1	NO
4	0R899	Yes	30	6224110034	RES. MF-KOHM-100-1/8W-F-T26		EA	1	NO
4	0R8A1	Yes	30	6212139254	RES. CF-KOHM-3.9-1/4W-J-T26-MI		EA	1	NO
4	0R8A2	Yes	30	6212139254	RES. CF-KOHM-3.9-1/4W-J-T26-MI		EA	1	NO
4	0R8A4	Yes	30	6212147254	RES. CF-KOHM-4.7-1/4W-J-T26-MI		EA	1	NO
4	0R8C0	YES	30	6212130357	RES. CF-KOHM-30-1/4W-J-T52-MIN		EA	1	NO
4	0R8C1	Yes	30	6212139154	RES. CF-OHM-390-1/4W-J-T26-MIN		EA	1	NO
4	0R8C2	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R8C3	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R8C5	Yes	30	6212110254	RES. CF-KOHM-1-1/4W-J-T26-MINI		EA	1	NO
4	0R8C6	Yes	30	6212110454	RES. CF-KOHM-100-1/4W-J-T26-MI		EA	1	NO
4	0R8C7	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R8C8	Yes	30	6212122254	RES. CF-KOHM-2.2-1/4W-J-T26-MI		EA	1	NO
4	0R8C9	Yes	30	6212110354	RES. CF-KOHM-10-1/4W-J-T26-MIN		EA	1	NO
4	0R8E0	Yes	30	6212115354	RES. CF-KOHM-15-1/4W-J-T26-MIN		EA	1	NO
4	0Z801	Yes	30	6852501137	SPARK GAP—DSP-501N-A21F--T52		EA	1	NO
4	C112A	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	C112B	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	C436A	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	C436B	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	C810M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	C810N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	D409M	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	D409N	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	D801M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	D801N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	D801O	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	D801P	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	L801A	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	L801B	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	L802A	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	L802B	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	P801M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	P801N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	Q104B	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	Q104C	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	Q424M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	Q424N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	R802M	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	R802N	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	S801M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	S801N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T101M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T101N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T101O	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T402M	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T402N	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T40AA	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T40AB	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T801M	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T801N	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T801O	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T801P	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T802M	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T802N	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T802O	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T802P	Yes	10	7740200690-0B	RIVET-EYELET-1.6-FOR NEC	8440002445	EA	1	NO
4	T805M	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T805N	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T805O	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T805P	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	T805Q	No	10	7740200700-0B	RIVET-EYELET-2.0-FOR NEC	8440002446	EA	1	NO
4	U1550	YES	10	6831155001-01	PCB-MAIN BD-PTB-1550		EA	1	YES
4	ZD101	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD102	Yes	30	6414068064	DIODE-ZNR-GDZJ 6.8C--T26--		EA	1	NO
4	ZD103	Yes	30	6414680007	DIODE-ZNR-BZX79-B68-113--T52--		EA	1	NO
4	ZD104	Yes	30	6414680007	DIODE-ZNR-BZX79-B68-113--T52--		EA	1	NO
4	ZD106	Yes	30	6414043014	DIODE-ZNR-HZ4C3-Vz=4.3V-T26--		EA	1	NO
4	ZD107	Yes	30	6414150004	DIODE-ZNR-HZ15-2-Vz=15V-T26--		EA	1	NO
4	ZD108	Yes	30	6414068064	DIODE-ZNR-GDZJ 6.8C--T26--		EA	1	NO
4	ZD110	Yes	30	6414150004	DIODE-ZNR-HZ15-2-Vz=15V-T26--		EA	1	NO
4	ZD301	YES	30	6414270024	DIODE-ZNR-GDZJ-27D-T/B-T26-		EA	1	NO
4	ZD302	YES	30	6414270024	DIODE-ZNR-GDZJ-27D-T/B-T26-		EA	1	NO
4	ZD31A	No	30	6414027034	DIODE-ZNR-GDZJ-2.7A-T/B-T26-		EA	1	NO
4	ZD401	Yes	30	6414150004	DIODE-ZNR-HZ15-2-Vz=15V-T26--		EA	1	NO
4	ZD42A	No	30	6414300054	DIODE-ZNR-GDZJ-30D-T/B-T26-		EA	1	NO
4	ZD701	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD702	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD703	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD704	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD705	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD706	No	30	6414036064	DIODE-ZNR-GDZJ-3.6A-T/B-T26-		EA	1	NO
4	ZD707	No	30	6414036064	DIODE-ZNR-GDZJ-3.6A-T/B-T26-		EA	1	NO
4	ZD801	Yes	30	6414063024	DIODE-ZNR-GDZJ 6.2C T/B--T26--		EA	1	NO
4	ZD802	No	30	6414430007	DIODE-ZNR-1N4755ATA2-Vz=43V-T5		EA	1	NO
4	ZD803	No	30	6414430007	DIODE-ZNR-1N4755ATA2-Vz=43V-T5		EA	1	NO
4	ZD804	Yes	30	6414180054	DIODE-ZNR-GDZJ 18C--T26--		EA	1	NO
4	ZD805	Yes	30	6414077014	DIODE-ZNR-GDZJ 8.2A T/B--T26--		EA	1	NO
4	ZD806	Yes	30	6414210014	DIODE-ZNR-GDZJ 22C T/B--T26--		EA	1	NO
4	ZD807	Yes	30	6414120094	DIODE-ZNR-GDZJ 12C T/B--T26--		EA	1	NO
4	ZD808	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
4	ZD809	Yes	30	6414051084	DIODE-ZNR-GDZJ 5.1B T/B--T26--		EA	1	NO
3	0000B	Yes	10	6714010630-00	HARNESS--1P-100mm-1007#24-BLAC		EA	1	NO
3	0000C	Yes	10	6714010630-00	HARNESS--1P-100mm-1007#24-BLAC		EA	1	NO
3	00GND	Yes	10	6631010022	TERMINAL-PIN-1P-D2.36eL14.3--J		EA	1	NO
3	05C01	No	10	7748706060-0A	BRACKET-CABLE -B1997NST-SECC 1	8340002303	EA	1	NO
3	05C02	No	10	7746202730-0A	SHIELD-VIDEO-FRONT-B1997-SPTE	8140001042	EA	1	NO
3	05C03	No	10	7746202740-0B	SHIELD-VIDEO-REAR-B1997-SPTE	8240001043	EA	1	NO
3	05C04	Yes	10	7740100101	CLAMP-CABLE-WIRING CABLE TIE-N	8440000030	EA	1	NO
3	05C06	Yes	10	7740100103	CLAMP-CABLE-WIRING CABLE TIE-N	8440000030	EA	2	NO
3	0C108	YES	10	6321222553-01	CAP. MEF-uF-2.2-250V-J-F-P=22.		EA	1	NO
3	0C112	No	10	6325312252	CAP. PPS-uF-0.0012-1600V-J-F-P		EA	1	NO
3	0C114	Yes	10	6336610302	CAP. CD-uF-0.01-2000V-M-F-10-Z		EA	1	NO
3	0C127	Yes	10	6331133152	CAP. CD-PF-330-50V-J-F-5-NPO-		EA	1	NO
3	0C305	YES	10	6321222452-01	CAP. MEF-uF-0.22-100V-J-F-P=10		EA	1	NO
3	0C31F	Yes	10	6311347091	ALUMINATOR-uF-47-25V--105C-6.3		EA	1	NO
3	0C404	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C40A	Yes	10	6326147452	CAP. MPP-uF-0.47-100V-J-F-P=15		EA	1	NO
3	0C416	Yes	10	6326210557-03	CAP. MPP-uF-1-250V-H-F-P=15-TA		EA	1	NO
3	0C418	Yes	10	6326243456-03	CAP. MPP-uF-0.43-250V-H-F-P=15		EA	1	NO
3	0C420	Yes	10	6326218456-03	CAP. MPP-uF-0.18-250V-H-F-P=10		EA	1	NO
3	0C422	Yes	10	6326382356-03	CAP. MPP-uF-0.082-400V-H-F-P=7		EA	1	NO
3	0C424	Yes	10	6326347356-03	CAP. MPP-uF-0.047-400V-H-F-P=7		EA	1	NO
3	0C425	Yes	10	6326368356-03	CAP. MPP-uF-0.068-400V-H-F-P=7		EA	1	NO
3	0C426	Yes	10	6326368356-03	CAP. MPP-uF-0.068-400V-H-F-P=7		EA	1	NO
3	0C430	YES	10	6321210452-01	CAP. MEF-uF-0.1-250V-J-F-P=10		EA	1	NO
3	0C436	Yes	10	6325947232	CAP. PPS-uF-0.0047-1800VH-H-F-		EA	1	NO
3	0C444	Yes	10	6311347091	ALUMINATOR-uF-47-25V--105C-6.3		EA	1	NO
3	0C455	Yes	10	6334933112	CAP. CD-pF-330-2000V-K-F-10-SL		EA	1	NO
3	0C717	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C720	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C722	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C724	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C726	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C728	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C730	Yes	10	6311510091	ALUMINATOR-uF-10-50V--105C-6.3		EA	1	NO
3	0C803	No	10	6328868409	CAP. X2-MEF-uF-0.68-275V-M--P=		EA	1	YES
3	0C804	YES	10	6302122292	CAP. CD-pF-2200-250V-M-F-7.5-Y		EA	1	YES

3	OC805	YES	10	6302122292	CAP. CD-pF-2200-250V-M-F-7.5-Y	EA	1	YES	3	OR457	Yes	10	6221312152	RES. MOF-OHM-120-3W-J-HOR-	EA	1	NO
3	OC806	Yes	10	6328822419	CAP. X2-MEF-uF-0.22-275V-K--Pe	EA	1	YES	3	OR458	Yes	10	6221147052	RES. MOF-OHM-47-1W-J-HOR-	EA	1	NO
3	OC807	YES	10	6302447262	CAP. CD-pF-4700-250V-M-F-10-SY	EA	1	YES	3	OR466	Yes	10	6221312052	RES. MOF-OHM-12-3W-J-HOR-	EA	1	NO
3	OC810	YES	10	6312722106	CAP. ALU-uF-220-450V-F-85C-25x	EA	1	NO	3	OR492	Yes	10	6221122052	RES. MOF-OHM-22-1W-J-HOR-	EA	1	NO
3	OC814	YES	10	6339210302	CAP. X1-CD-uF-0.01-400V-M-Y5V-	EA	1	YES	3	OR493	Yes	10	6221239952	RES. MOF-OHM-3.9-2W-J-HOR-	EA	1	NO
3	OC837	Yes	10	6336510302	CAP. CD-UF-0.01-1000V-M-F-10-Z	EA	1	NO	3	OR494	Yes	10	6221122152	RES. MOF-OHM-220-1W-J-HOR-	EA	1	NO
3	OC838	YES	10	6338410312	CAP. CD-uF-0.01-500V-K-T--X7R-	EA	1	NO	3	OR4A4	Yes	10	6221239952	RES. MOF-OHM-3.9-2W-J-HOR-	EA	1	NO
3	OC843	Yes	10	6312310142	ALUMINATOR-uF-100-200V-F-105C-	EA	1	NO	3	OR802	No	10	6201100052	THERMISTOR-OHM-10-8A-P=7.5--TK	EA	1	YES
3	OC844	YES	10	6338410312	CAP. CD-uF-0.01-500V-K-T--X7R-	EA	1	NO	3	OR803	Yes	10	6203459017	POSISTOR-OHM-4.5-DGC3D4R5Q27C-	EA	1	YES
3	OC845	Yes	10	6312247042	ALUMINATOR-uF-47-160V-F-105C-1	EA	1	NO	3	OR804	Yes	10	6221210852	RES. MOF-OHM-0.1-2W-J-HOR-	EA	1	NO
3	OC847	Yes	10	6311322292	ALUMINATOR-uF-2200-25V-F-105C-	EA	1	NO	3	OR815	Yes	10	6220110052	RES. FS-OHM-10-1/4W-J-HOR	EA	1	NO
3	OC855	Yes	10	6311310282	ALUMINATOR-uF-1000-25V--105C-1	EA	1	NO	3	OR816	Yes	10	6220147052	RES. FS-OHM-47-1/4W-J-HOR	EA	1	NO
3	OC857	Yes	10	6312668042	ALUMINATOR-uF-68-350V--105C-16	EA	1	NO	3	OR821	Yes	10	6221222052	RES. MOF-OHM-22-2W-J-HOR-	EA	1	NO
3	OC860	YES	10	6312547042	CAP. ALU-uF-47-350V-F-105C-16x	EA	1	NO	3	OR822	Yes	10	6221222852	RES. MOF-OHM-0.22-2W-J-HOR-	EA	1	NO
3	OC868	Yes	10	6311647182	ALUMINATOR-uF-470-63V-F-105C-1	EA	1	NO	3	OR832	Yes	10	6221247352	RES. MOF-KOHM-47-2W-J-HOR-	EA	1	NO
3	OC871	YES	10	6302433262	CAP. CD-pF-3300-250V-M-F-10-SY	EA	1	NO	3	OR835	Yes	10	6232133153	RES. CEM-OHM-330-5W-J-VERT	EA	1	NO
3	OD105	Yes	10	6412010707	DIODE--BYM26B-2.3A/400V-T52--	EA	1	NO	3	OR836	Yes	10	6232133153	RES. CEM-OHM-330-5W-J-VERT	EA	1	NO
3	OD106	Yes	10	6412016807	DIODE--RG2A2V1-0.5A/1300V-T52-	EA	1	NO	3	OR864	Yes	10	6221127352	RES. MOF-KOHM-27-1W-J-HOR-	EA	1	NO
3	OD405	Yes	10	6412010707	DIODE--BYM26B-2.3A/400V-T52--	EA	1	NO	3	OR867	Yes	10	6221110052	RES. MOF-OHM-10-1W-J-HOR-	EA	1	NO
3	OD409	Yes	10	6412017810	DIODE--BY329X-1500S----PHILIPS	EA	1	NO	3	OR870	Yes	10	6221247152	RES. MOF-OHM-470-2W-J-HOR-	EA	1	NO
3	OD411	Yes	10	6412019307	DIODE--SF30BG-3A/100V-T52--LIT	EA	1	NO	3	OR873	Yes	10	6221568952	RES. MOF-OHM-6.8-3W-J-HOR-	EA	1	NO
3	OD801	Yes	10	6417001100	DIODE-BRIDGE-FBI4K7M1-4A/800V-	EA	1	NO	3	OR874	Yes	10	6221222052	RES. MOF-OHM-22-2W-J-HOR-	EA	1	NO
3	OD819	Yes	10	6412010807	DIODE--BYM26C-2.3A/600V-T52--	EA	1	NO	3	OR885	Yes	10	6221268952	RES. MOF-OHM-0.68-2W-J-HOR-	EA	1	NO
3	OD820	Yes	10	6413000520	DIODE--RL4A-3A/600V--50nS-SANK	EA	1	NO	3	OR894	Yes	10	6221115952	RES. MOF-OHM-1.5-1W-J-HOR-	EA	1	NO
3	OD824	Yes	10	6412010807	DIODE--BYM26C-2.3A/600V-T52--	EA	1	NO	3	OR8A3	Yes	10	6221233852	RES. MOF-OHM-0.33-2W-J-HOR-	EA	1	NO
3	OD826	Yes	10	6413000520	DIODE--RL4A-3A/600V--50nS-SANK	EA	1	NO	3	OS701	Yes	10	6853000801	SWITCH-SLIDE-SSSF022NA-UE-FORW	EA	1	YES
3	OD827	Yes	10	6412010807	DIODE--BYM26C-2.3A/600V-T52--	EA	1	NO	3	OS702	Yes	10	6853004801	SWITCH-TACT-TSM4CPB-2RL-HUA-JI	EA	1	YES
3	OD829	Yes	10	6412010807	DIODE--BYM26C-2.3A/600V-T52--	EA	1	NO	3	OS801	Yes	10	6853004400	SWITCH-PUSH-KDC-A04-10B-H2-HUA	EA	1	YES
3	OD831	Yes	10	6412010807	DIODE--BYM26C-2.3A/600V-T52--	EA	1	NO	3	OT101	No	10	6133007011	FBT-TFB-0701A-FEA852A-SAMPO	EA	1	YES
3	OF801	Yes	10	6851504051	FUSE-TIME LAG H-BRK---19181-4A	EA	1	YES	3	OT401	Yes	10	6111153130	COIL CHOKE--mH-15.65-K-DRWW18x	EA	1	NO
3	OGND1	Yes	10	6631010022	TERMINAL-PIN-1P-D2.36xL14.3--J	EA	1	NO	3	OT402	Yes	10	6119003205	COIL LINEARITY-TLN-1032E--	EA	1	NO
3	OGND2	Yes	10	6631010022	TERMINAL-PIN-1P-D2.36xL14.3--J	EA	1	NO	3	OT403	Yes	10	6135003400	XFRMER-HOR DRIVER-THD-1034-EI1	EA	1	NO
3	OGND3	Yes	10	6631010022	TERMINAL-PIN-1P-D2.36xL14.3--J	EA	1	NO	3	OT40A	Yes	10	6139000300	XFRMER-HOR CENTER-THC-1003--	EA	1	NO
3	OI101	Yes	10	6442001130	IC-Linear-KA393-8P-PDIP-	EA	1	NO	3	OT801	Yes	10	6138003100	LINE FILTER-TLF-1031-mH-5-ET24	EA	1	YES
3	OI102	Yes	10	6442005930	IC-Linear-KA324-14P-PDIP-	EA	1	NO	3	OT802	Yes	10	6138003100	LINE FILTER-TLF-1031-mH-5-ET24	EA	1	YES
3	OI103	Yes	10	6442023500	IC-Linear-KA3843AC-8P-PDIP-SAM	EA	1	NO	3	OT805	YES	10	6131052200	XFRMER-POWER-TPW-1082-EE42/15-	EA	1	YES
3	OI301	Yes	10	6442011210	IC-Linear-TDA8351/N6-9P-SIL-PH	EA	1	NO	3	OX701	Yes	10	6449000719	CRYSTAL-8MHz-TOPLO--CG710PIN=	EA	1	NO
3	OI401	No	10	6442025200	IC-Linear-TDA4856-32P-SDIP-PHI	EA	1	NO	3	SC01M	Yes	10	7131430081	SCREW-TRIANGLE-Flat Washer-Bin	8440000079	EA	2	NO
3	OI402	Yes	10	6442005930	IC-Linear-KA324-14P-PDIP-	EA	1	NO	3	SC01Q	YES	10	7742409910	LOGOTYPE-NAME PLATE-1554NEL-BR	8440002038	EA	1	NO
3	OI701	No	10	6448014500	IC-CPU/PROM-NT68P61AU	EA	1	NO	3	SC01R	Yes	10	7130330081	SCREW-TRIANGLE--Flat-M3-8-Za	8440000016	EA	2	NO
3	OI702	No	10	6448007930	IC-CPU/PROM-KS24C04-8P-PDIP-SA	EA	1	NO	3	SC01W	Yes	10	7131440081	SCREW-TRIANGLE-Flat Washer-Bin	8440000079	EA	2	NO
3	OI703	No	10	6448007930	IC-CPU/PROM-KS24C04-8P-PDIP-SA	EA	1	NO	3	SC02M	Yes	10	7111230061	SCREW-MACHINE-Flat Washer-Pan-	8440001648	EA	2	NO
3	OI704	Yes	10	6448007430	IC-CPU/PROM-IC.24LC211/P-8P--M	EA	1	NO	3	SC03M	Yes	10	7740200880	NON-STANDARD SCREW-SCREW-Cu-Ni	8440002851	EA	2	NO
3	OI802	Yes	10	6442006720	IC-Linear-KA3843B-8P-PDIP-	EA	1	NO	3	BUR-I	Yes	10	6631010022	TERMINAL-PIN-1P-D2.36xL14.3--J		EA	1	NO
3	OI808	Yes	10	6442014000	IC-Linear-LTV-817D-4P-PDIP-LIT	EA	1	YES	3	D801Q	No	10	7746402210-0B	HEAT SINK-POWER-19"--		EA	1	NO
3	OI809	Yes	10	6442000430	IC-Linear-KA7812-3P-PDIP-	EA	1	NO	3	D801T	No	10	7746402272-0A	HEAT SINK--B1996-AL-CLEAN	8440003159	EA	1	NO
3	OI810	Yes	10	6442000830	IC-Linear-KA7805-3P-PDIP-	EA	1	NO	3	D801U	No	10	7111230101	SCREW-MACHINE-Flat Washer-Pan-	8440001648	EA	1	NO
3	OI811	Yes	10	6442001340	IC-Linear-KA431AZ-3P-TO-92-Vre	EA	1	NO	3	D801V	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OI812	Yes	10	6442001130	IC-Linear-KA393-8P-PDIP-	EA	1	NO	3	D820M	No	10	7746401270-0F	HEAT SINK--CM-1565-AL-CLEAN	8440001739	EA	1	NO
3	OL101	Yes	10	6111806130	COIL CHOKE--uH-80-K-EI22-	EA	1	NO	3	D826M	No	10	7746401630-0A	HEAT SINK---		EA	1	NO
3	OL103	Yes	10	6111226130	COIL CHOKE--uH-22-K-DRWW6x8CSA	EA	1	NO	3	F801A	Yes	10	6622050010	FUSE CLIP-FC-04 for De=ram FUSE		EA	2	NO
3	OL107	Yes	10	6881002733	CORE-BEAD-CBB R6H6x10(A)+W ZTs	EA	1	NO	3	I301M	No	10	7746402271-0B	HEAT SINK--B1996-AL-BLACK	8440003159	EA	1	NO
3	OL108	Yes	10	6881002733	CORE-BEAD-CBB R6H6x10(A)+W ZTs	EA	1	NO	3	I301N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Zn	8440000018	EA	2	NO
3	OL403	Yes	10	6139000200	XFRMER-HOR CENTER-THC-1002--	EA	1	NO	3	I701A	Yes	10	6626420010	SOCKET-IC-8305-42AT00-42P-		EA	1	NO
3	OL405	Yes	10	6111169130	COIL CHOKE--uH-1.65-K-DRWW6x8C	EA	1	NO	3	I702A	Yes	10	6626080010	SOCKET-IC-8300-08AT00-8P-		EA	1	NO
3	OL801	YES	10	6111285130	COIL CHOKE--uH-280-K-TC50-26B-	EA	1	NO	3	I703A	Yes	10	6626080010	SOCKET-IC-8300-08AT00-8P-		EA	1	NO
3	OL802	YES	10	6111285130	COIL CHOKE--uH-280-K-TC50-26B-	EA	1	NO	3	I704A	Yes	10	6626080010	SOCKET-IC-8300-08AT00-8P-		EA	1	NO
3	OL804	Yes	10	6881002730	CORE-BEAD-CBB R6H6x10(A)+W.75T	EA	1	NO	3	I809M	No	10	7746401270-0F	HEAT SINK--CM-1565-AL-CLEAN	8440001739	EA	1	NO
3	OL805	Yes	10	6881002730	CORE-BEAD-CBB R6H6x10(A)+W.75T	EA	1	NO	3	I809N	Yes	10	7110230081	SCREW-MACHINE--Pan-M3-8-Za	8440000018	EA	1	NO
3	OL806	Yes	10	6111156130	COIL CHOKE--uH-15-K-DRWW8x10-	EA	1	NO	3	I809P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OL807	Yes	10	6881002733	CORE-BEAD-CBB R6H6x10(A)+W ZTs	EA	1	NO	3	I810M	No	10	7746401274-0A	HEAT SINK--CM-1565-AL-CLEAN	8440001739	EA	1	NO
3	OL808	Yes	10	6881002730	CORE-BEAD-CBB R6H6x10(A)+W.75T	EA	1	NO	3	I810N	Yes	10	7110230081	SCREW-MACHINE--Pan-M3-8-Za	8440000018	EA	1	NO
3	OL809	Yes	10	6881002730	CORE-BEAD-CBB R6H6x10(A)+W.75T	EA	1	NO	3	I810P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OL810	Yes	10	6881002733	CORE-BEAD-CBB R6H6x10(A)+W ZTs	EA	1	NO	3	LD701	Yes	10	6418004400	LED-LTL-36EDH6ZP-K(Y)3(G)---		EA	1	NO
3	OL811	Yes	10	6111156130	COIL CHOKE--uH-15-K-DRWW8x10-	EA	1	NO	3	P403A	Yes	10	6711020750-00	HARNESS--2P-210mm-1007#24--TWI		EA	1	NO
3	OL812	Yes	10	6111156130	COIL CHOKE--uH-15-K-DRWW8x10-	EA	1	NO	3	P502A	Yes	10	6711130040-10	HARNESS--13P7P&8P-400/430mm-2		EA	1	NO
3	OL813	Yes	10	6881002733	CORE-BEAD-CBB R6H6x10(A)+W ZTs	EA	1	NO	3	P503A	YES	10	6711070150-10	HARNESS--7P/5P&2P-450mm-1007#2		EA	1	NO
3	OL815	Yes	10	6881002732	CORE-BEAD-CBB R6H6x10(A)+W1.5T	EA	1	NO	3	P504A	YES	10	6711070150-01	HARNESS--7P/4P&3P--CG150-00+IC		EA	1	NO
3	OP401	Yes	10	6611040065	PLUG-4P-10/B/8mm-A2361WV2-A4PK	EA	1	NO	3	P505A	YES	10	6711050390-03	HARNESS--5P/4P-320/370mm---CGT		EA	1	NO
3	OP402	Yes	10	6611030110	PLUG-3P-2.5mm-2570PS-03-ECI	EA	1	NO	3	P801A	Yes	10	6714010037	HARNESS--1P-70mm-1015#18Y/G---1		EA	1	NO
3	OP801	Yes	10	6621030062	AC INLET-3P-INALWAYS-AS0714-CP	EA	1	YES	3	P801B	Yes	10	6873050200	TUBE-HEAT-SHRINK-5D*L20MM 125		EA	1	NO
3	OP902	Yes	10	6614020070	WAFER-2P-1.56D-A1561WV2-2P-JWT	EA	1	YES	3	P801P	Yes	10	7740200370	RIVET-RIVET--	8440000760	EA	1	NO
3	OQ103	Yes	10	6426006300	FET-N-CHNL-IRFS634A--FAIRCHILD	EA	1	NO	3	P801Q	Yes	10	7740200370	RIVET-RIVET--	8440000760	EA	1	NO
3	OQ104	Yes	10	6426004401	FET-N-CHNL-SSH7N90A--SAMSUNG	EA	1	NO	3	P901A	Yes	10	6714010540-10	HARNESS--1P-120mm-1015#16-BLAC		EA	1	NO
3	OQ110	No	10	6421003100	TRANSISTOR-NPN-2SC4686A--TOSHI	EA	1	NO	3	Q103M	No	10	7746401270-0F	HEAT SINK--CM-1565-AL-CLEAN	8440001739	EA	1	NO
3	OQ111	No	10	6421003100	TRANSISTOR-NPN-2SC4686A--TOSHI	EA	1	NO	3	Q103N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Zn	8440000018	EA	1	NO
3	OQ405	Yes	10	6426005201	FET-N-CHNL-IRFS640A--FAIRCHILD	EA	1	NO	3	Q103P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OQ407	Yes	10	6426005201	FET-N-CHNL-IRFS640A--FAIRCHILD	EA	1	NO	3	Q104A	No	10	6871000600	INSULATOR SL-20x30x0.3-HOLE		EA	1	NO
3	OQ409	Yes	10	6426006300	FET-N-CHNL-IRFS634A--FAIRCHILD	EA	1	NO	3	Q104M	No	10	7746401883-0A	HEAT SINK--A1770ASL -AL-BLACK	8440002563	EA	1	NO
3	OQ411	Yes	10	6426006300	FET-N-CHNL-IRFS634A--FAIRCHILD	EA	1	NO	3	Q104N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OQ413	Yes	10	6426006300	FET-N-CHNL-IRFS634A--FAIRCHILD	EA	1	NO	3	Q110A	Yes	10	6874000101	CERAMIC-19.3x13.7x2.03-1HOLE		EA	1	NO
3	OQ416	Yes	10	6427000900	FET-P-CHNL-SFS9634--FAIRCHILD	EA	1	NO	3	Q110M	No	10	7110425121	SCREW-MACHINE-WITHOUT-BINDING		EA	1	NO
3	OQ418	Yes	10	6421003800	TRANSISTOR-NPN-KSD882-Y--FAIRC	EA	1	NO	3	Q110N	Yes	10	7740200401	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OQ424	No	10	6421005200	TRANSISTOR-NPN-2SC5515--PANAS-	EA	1	NO	3	Q110P	Yes	10	7742605590	NON-STANDARD WASHER-TRANSISTOR	8440002753	EA	1	NO
3	OQ425	Yes	10	6421003800	TRANSISTOR-NPN-KSD882-Y--FAIRC	EA	1	NO	3	Q111A	Yes	10	6874000101	CERAMIC-19.3x13.7x2.03-1HOLE		EA	1	NO
3	OQ426	Yes	10	6424003300	TRANSISTOR-PNP-KSB772-Y--FAIRC	EA	1	NO	3	Q111M	No	10	7110425121	SCREW-MACHINE-WITHOUT-BINDING		EA	1	NO
3	OQ802	YES	10	6426010400	FET-N-CHNL-2SK2607T-9A/800V-	EA	1	NO	3	Q111N	Yes	10	7740200401	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OQ810	Yes	10	6423000800	TRANSISTOR-PNP-KSA940-TO-220-F	EA	1	NO	3	Q111P	Yes	10	7742605590	NON-STANDARD WASHER-TRANSISTOR	8440002753	EA	1	NO
3	OQ812	Yes	10	6424003300	TRANSISTOR-PNP-KSB772-Y--FAIRC	EA	1	NO	3	Q405M	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR113	Yes	10	6221215852	RES. MOF-OHM-0.15-2W-J-HOR-	EA	1	NO	3	Q407M	No	10	7746402001-0A	HEAT SINK--CM-1996NST-AL-BLACK	8440002603	EA	1	NO
3	OR114	Yes	10	6221368152	RES. MOF-OHM-680-3W-J-HOR-	EA	1	NO	3	Q407N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR119	Yes	10	6221110152	RES. MOF-OHM-100-1W-J-HOR-	EA	1	NO	3	Q409M	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR122	Yes	10	6221110052	RES. MOF-OHM-10-1W-J-HOR-	EA	1	NO	3	Q411M	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR124	Yes	10	6221133252	RES. MOF-KOHM-3.3-1W-J-HOR-	EA	1	NO	3	Q416M	No	10	7746401270-0F	HEAT SINK--CM-1565-AL-CLEAN	8440001739	EA	1	NO
3	OR165	Yes	10	6232168353	RES. CEM-KOHM-68-5W-J-VERT	EA	1	NO	3	Q416N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR166	Yes	10	6232168353	RES. CEM-KOHM-68-5W-J-VERT	EA	1	NO	3	Q416P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OR305	Yes	10	6221215252	RES. MOF-OHM-1.5-2W-J-HOR-	EA	1	NO	3	Q418M	No	10	7746400713-0B	HEAT SINK--19"--		EA	1	NO
3	OR306	Yes	10	6221175852	RES. MOF-OHM-0.75-1W-J-HOR-	EA	1	NO	3	Q418N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR307	Yes	10	6221211152	RES. MOF-OHM-110-2W-J-HOR-	EA	1	NO	3	Q425M	No	10	7746401272-0A	HEAT SINK---		EA	1	NO
3	OR310	Yes	10	6221122852	RES. MOF-OHM-0.22-1W-J-HOR-	EA	1	NO	3	Q425N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Za	8440000018	EA	1	NO
3	OR40A	Yes	10	6221239052	RES. MOF-OHM-39-2W-J-HOR-	EA	1	NO	3	Q425P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1	NO
3	OR42J	Yes	10	6221175252	RES. MOF-KOHM-7.5-1W-J-HOR-	EA	1	NO	3	Q802A	No	10	6871000600	INSULATOR SL-20x30x0.3-HOLE		EA	1	NO
3	OR439	Yes	10	6221313052	RES. MOF-OHM-13-3W-J-HOR-	EA	1	NO	3	Q802N	Yes	10	7110230121	SCREW-MACHINE--Pan-M3-12-Za	8440000018	EA	1	NO

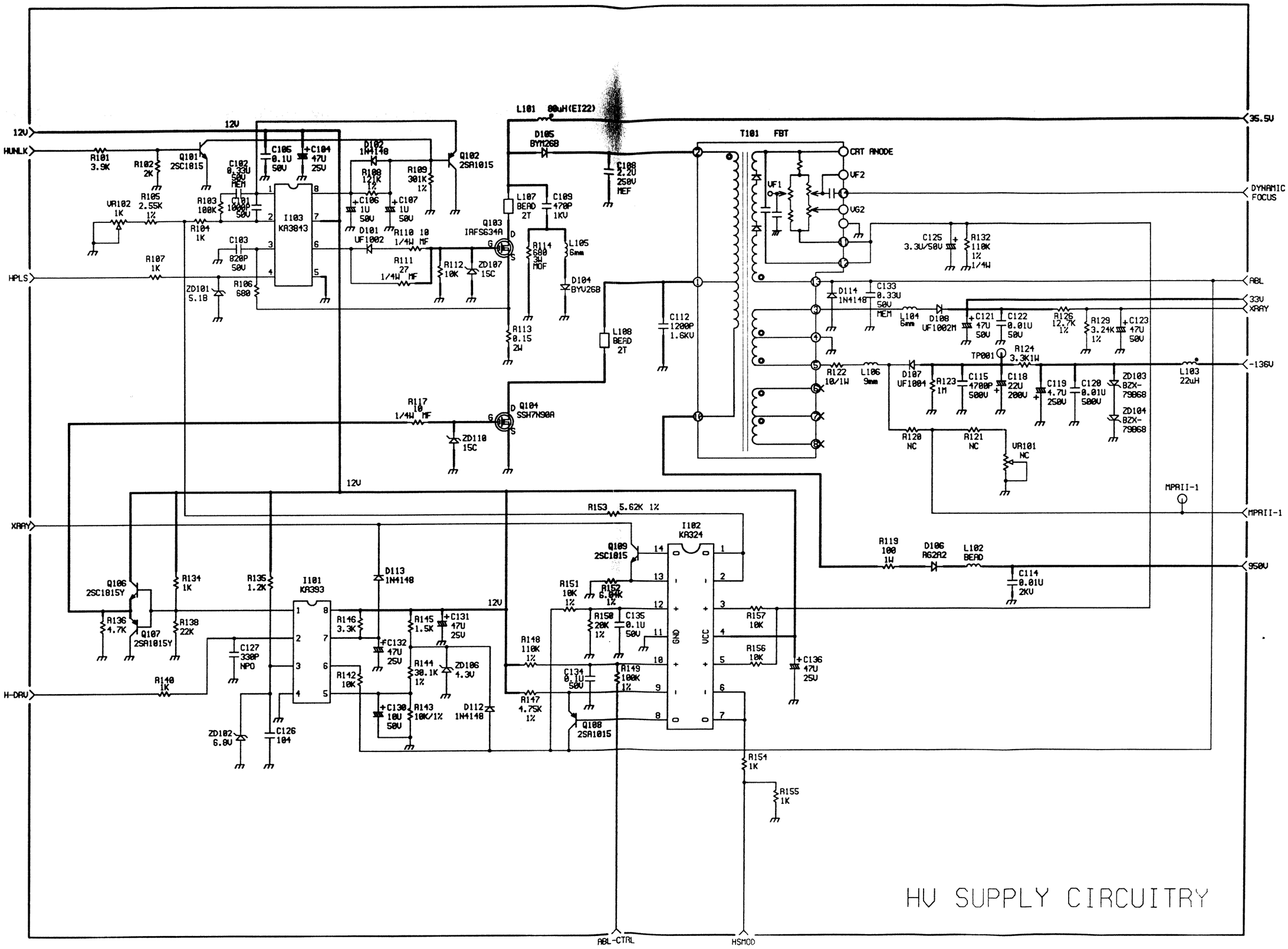
3	Q802Q	Yes	10	7210030241	NUT-Hexagon (Double side R)-W/	8440000019	EA	1		NO
3	Q812M	No	10	7746401272-0A	HEAT SINK---		EA	1		NO
3	Q812N	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Zn	8440000018	EA	1		NO
3	Q812P	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	1		NO
3	RL801	Yes	10	6854000161	RELAY-OSA-SS-206DM5(OEG)6V88mA		EA	1		YES
3	T101A	Yes	10	6881000691	CORE-MAG-W5 CHG690+H.STUBBONLY		EA	1		NO
3	T101B	Yes	10	6881000691	CORE-MAG-W5 CHG690+H.STUBBONLY		EA	1		NO
3	T101C	Yes	10	6881000691	CORE-MAG-W5 CHG690+H.STUBBONLY		EA	1		NO
3	T101D	No	10	6881003301	CORE-MAG-W5 CHG3300+HSTUBBONLY		EA	1		NO
3	T101E	No	10	6881003301	CORE-MAG-W5 CHG3300+HSTUBBONLY		EA	1		NO
3	T101P	No	10	7746402220-0C	HEAT SINK-FBT-19"--		EA	1		NO
3	T101Q	Yes	10	7140140121	SCREW-DOUBLE THREAD--Round-M4-	8440000890	EA	1		NO
3	T101R	Yes	10	7110230101	SCREW-MACHINE--Pan-M3-10-Zn	8440000018	EA	5		NO
3	T101S	Yes	10	7740200400	NON-STANDARD NUT-FLANGE HEX NU	8440002047	EA	3		NO
3	T101U	YES	10	7740300950-0B	CLAMP-CLIP-P155B-IBM---	8440002037	EA	1		NO
3	T101V	No	10	7740300940-0A	CLAMP-CLIP-P155B-IBM---	8440002036	EA	1		NO
3	T101W	No	10	7746402230-0A	HEAT SINK--B1907NST-AL-CLEAN	8440003084	EA	1		NO
3	T101X	No	10	7742603591	SUPPORT-SPACER-SPACER SUPPORT-	8440002029	EA	3		NO
3	T805R	No	10	7742603591	SUPPORT-SPACER-SPACER SUPPORT-	8440002029	EA	3		NO
3	TCOBF	YES	10	6522045110	WIRE-1015 #22 -BLACK-45mm -/5		EA	1		NO
3	TCOBP	YES	10	6714010620-10	HARNESS--1P-85mm-1015#22-BLACK		EA	1		NO
3	U1527	YES	10	6831152700-01	PCB-TCO BD-PWB-1527/PWB-1528		EA	1		YES
3	U1571	YES	10	6831157100-01	PCB-TCO BD-PWB-1571 (FOR POWER		EA	1		YES
3	VR102	Yes	10	6242102001	VARIABLE-KOHM-1-0.1W-TA-B-6D-F		EA	1		NO
3	VR801	Yes	10	6242501001	VARIABLE-OHM-500-0.1W-TA-B-6D-		EA	1		NO
3	X701A	Yes	10	6524025016	WIRE-1007 #24 -BLUE-25mm-6/6		EA	1		NO
2	A0001	No	10	9051200171-0A	SPEC.-ALIG.-B1997PNST LITEON--		EA	1		NO
2	A0002	No	10	9061200175-0A	SPEC.-INSP.-B1997PNST-LITEON-		EA	1		NO
2	A0003	No	10	9042200198-0A	SPEC.-ENG.-B1997PNST-LITEON-		EA	1		NO
2	A0004	No	10	9082000066-0A	NOTICE-PRODUCTION-B1997PNST-LI		EA	1		NO
2	A0005	No	10	9081000221-0D	EDID-B1997PNST-LITEON-		EA	1		NO
2	A0006	No	10	8915500000-0A	DRAWING-MAIN BD CKT-B1997PNST		EA	1		NO
2	A0007	No	10	8914630001-01	DRAWING-VIDEO BD CKT-B1997PNST		EA	1		NO
1	0	No	30	5192406226	PACKING ASS'Y-B1997PNST(99)-#-		EA	1		NO
2	01P11	Yes	30	7749204944-0B	CARTON-LITEON -19"--SPHINX-352		EA	1		NO
2	01P21	No	30	7749102430-0B	CUSHION-FOAM-EPS-19" SPHINX (S	8240000964	PR	1		NO
2	01P31	Yes	30	7749000910-0B	BAG-PE-ORDINARY-19" ALL MODEL-	8340001220	EA	1		NO
2	01P56	No	30	7749401390-0A	BOARD-PAPER BOARD-1070x1125x4m	8340000797	EA	0.125		NO
2	01P71	YES	30	1240000402	TAPE-EARTH-713C-914M/RS--		RL	0.002		NO
2	01P83	YES	30	1240000252	OIL HOUSE-FILM STRETCH WRAP--		RL	0.001	5	NO
2	01P91	No	30	7749500380-0A	PALLET-TWO-WAY-1080x1150(Dx11	8340001772	EA	0.062	5	NO
2	02B01	No	30	7735424085-0A	LABEL-MODEL LABEL-LITE-ON--B19	8440003593	EA	1		YES
2	02B07	Yes	30	7735403950	LABEL-HI-POT OK LABEL-ALL--TR	8340000098	EA	1		NO
2	02P01	Yes	30	7735400900	LABEL-PACKING LABEL-LITE-ON--A	8340000010	EA	1		YES
2	0Y001	Yes	30	7730113470-0A	MANUAL--Liteon-B1997PNST-Sphin		EA	1		NO
2	P801A	Yes	30	6716000200	CABLE-POWER --1800mm -BLACK-EU		EA	1		YES

DEFLECTION CIRCUITRY

DRAWN: BETTY WU	DATE: 01/04' 01	LITE-ON TECHNOLOGY CO.
CHECK:	DATE:	
APPRO.:	DATE:	TITLE: B1997PNST(PHILIPS CRT) MAIN BD CKT.
DESING:	DATE:	DWG. NO: 8915500000-01
		PCB. NO: 6831155000-01 / 6831149500-02 — A1
		SHEET: 1 OF 1

MICRO CONTROL

TCO BOARD PWB-1450


12V
HUNLK
HPLS
XRAY
H-DRV
L101 80uH(EI22)
35.5V
D105 BYM26B
T101 FBT
CRT ANODE
VF2
VG2
VF1
DYNAMIC FOCUS
ABL
33V XRAY
-136V
950V
MPRII-1
R101 3.9K
R102 2K
Q101 2SC1815
C102 0.33U 50V MEM
C105 0.1U 50V
C104 47U 25V
R105 2.55K 1%
VR102 1K
R103 100K
C101 1000P 50V
R104 1K
I103 KA3843
C103 820P 50V
R107 1K
ZD101 5.1B
R106 680
D102 1N4148
R108 121K 1%
R109 301K 1%
Q102 2SA1015
C106 1U 50V
C107 1U 50V
D101 UF1002
R110 10 1/4W MF
R111 27 1/4W MF
R112 10K
ZD107 15C
Q103 IRFSG34A
L107 BEAD 2T
C109 470P 1KV
R114 680 3W MOF
L105 6mm
D104 BYV26B
R113 0.15 2W
L108 BEAD 2T
C112 1200P 1.6KV
C108 2.2U 250V MEF
R117 10 1/4W MF
ZD110 15C
Q104 SSH7N90A
C125 3.3U/50V
R132 110K 1% 1/4W
D114 1N4148
C133 0.33U 50V MEM
L104 6mm
D108 UF1002M
C121 47U 50V
C122 0.01U 50V
R126 12.7K 1%
R129 3.24K 1%
C123 47U 50V
TP001
R124 3.3K1W
R122 10/1W
L106 9mm
D107 UF1004
R123 1M
C115 4700P 500V
C118 22U 200V
C119 4.7U 250V
C120 0.01U 500V
ZD103 BZX-79B68
ZD104 BZX-79B68
L103 22uH
R120 NC
R121 NC
VR101 NC
MPRII-1
R119 100 1W
D106 RG2A2
L102 BEAD
C114 0.01U 2KV
R153 5.62K 1%
I102 KA324
Q109 2SC1815
R151 10K 1%
R152 6.04K 1%
R158 20K 1%
C135 0.1U 50V
R157 10K
R156 10K
R148 110K 1%
C134 0.1U 50V
R149 100K 1%
R147 4.75K 1%
Q108 2SA1015
+C136 47U 25V
R154 1K
R155 1K
Q106 2SC1815Y
Q107 2SA1015Y
R134 1K
R135 1.2K
I101 KA393
D113 1N4148
R136 4.7K
R138 22K
C127 330P NPO
R140 1K
ZD102 6.8V
C126 104
R146 3.3K
R145 1.5K
+C131 47U 25V
+C132 47U 25V
R144 30.1K 1%
ZD106 4.3V
R142 10K
+C130 10U 50V
R143 10K/1%
D112 1N4148
ABL-CTRL
HSMOD
HV SUPPLY CIRCUITRY

WITH PFC CKT. PWB-1495

REVISION HISTORY

REV.:	DATE :

DRAWN : K.I HUANG	DATE : 11/17/00	LITE-ON TECHNOLOGY CO.	
CHECK :	DATE :	TITLE : B1997PNST VIDEO BD	
APPRO :	DATE :		
DESING :	DATE :	DWG. NO : 8914630001-01	A2
CHECK :	DATE :	PCB. NO : 6831146300-0J	SHEET : 1 OF 1
APPRO :	DATE :		